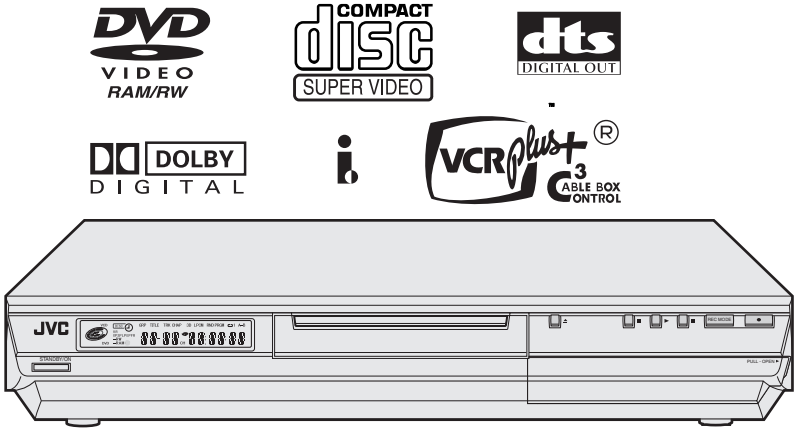
JVC

# SERVICE MANUAL

## DVD VIDEO RECORDER

# DR-M10SUS, DR-M10SUC
# DR-M10SUJ

| Area Suffix | |
|---|---|
| US | U.S.A. |
| UC | Canada |
| UJ | U.S.A Militaly |



DR-M10SUS, DR-M10SUC, DR-M10SUJ [D4R10]

Since the whole mechanism assembly unit is replaced, the DVD recorder mechanism of this unit need not be adjusted.

## TABLE OF CONTENTS


1 PRECAUTION . . . . . 1-3
2 SPECIFIC SERVICE INSTRUCTIONS . . . . . 1-6
3 DISASSEMBLY . . . . . 1-7
4 ADJUSTMENT . . . . . 1-13
5 TROUBLESHOOTING . . . . . 1-14


COPYRIGHT © 2004 Victor Company of Japan, Limited

No.XA019
2004/5

# SPECIFICATION

| | | DR-M10SUS,DR-M10SUC | DR-M10SUJ |
|---|---|---|---|
| **GENERAL** | | | |
| Power requirement | | AC 120 V - , 60 Hz | AC 110 V -220V~, 50/60 Hz |
| Power consumption | | Power on : 34 W<br>Power off : 16.2 W | Power on : 37 W<br>Power off : 19.2 W |
| Temperature | | Operating : 5°C to 40°C(41°F to 104°F)<br>Storage : -20°C to 60°C(-4°F to140°F) | |
| Operating position | | Horizontal only | |
| Dimensions (W × H × D) | | 435 mm × 70 mm × 346 mm | |
| Weight | | 4.5 kg | 4.0 kg |
| **VIDEO/AUDIO** | | | |
| Recordable disc | DVD-RAM | 12 cm : (4.7 GB/9.4 GB) | |
| | DVD-RAM | 8 cm : (1.4 GB/2.8 GB) | |
| | DVD-R | 12 cm:( 4.7 GB, 8 cm: 1.4 GB for General Ver. 2.0) | |
| | DVD-RW | 4.7 GB for Ver. 1.0/1.1 | |
| Recording format | DVD-RAM | DVD Video Recording format | |
| | DVD-R | DVD-Video format | |
| | DVD-RW | DVD-Video format, DVD Video Recording format | |
| Recording time | | Maximum 8 hours (with 4.7 GB disc)<br>(XP) : Approx. 1 hour, (SP) : Approx. 2 hours, (LP) : Approx. 4 hours, (EP) : Approx. 6 hours, (FR) : Approx. 1 hour - 8 hours | |
| Playable disc | DVD-RAM | 12 cm : (4.7 GB/9.4 GB) | |
| | DVD-RAM | 8 cm : (1.4 GB/2.8 GB) | |
| | DVD-R | 12 cm:( 4.7 GB, 8 cm: 1.4 GB for General Ver. 2.0) | |
| | DVD VIDEO, DVD-RW | 4.7 GB | |
| | | Music CD (CD-DA) | |
| | | Video CD | |
| | | Super Video CD(SVCD) | |
| | | CD-R/RW (CD-DA, Video CD/SVCD formatted discs) | |
| Audio recording system | | Dolby Digital (2 ch)<br>Linear PCM (XP mode only) | |
| Video recording compression system | | MPEG2 (CBR/VBR) | |
| **Input/Output** | | | |
| S-video input | | Y : 0.8 - 1.2 Vp-p, 75 Ω<br>C : 0.2 - 0.4 Vp-p, 75 Ω | |
| S-video output | | Y : 1.0 Vp-p, 75 Ω<br>C : 0.3 Vp-p, 75 Ω | |
| Video input | | 0.5 - 2.0 Vp-p, 75 Ω (pin jack) | |
| Video output | | 1.0 Vp-p, 75 Ω (pin jack) | |
| Audio input | | -8 dB, 50 kΩ (pin jack) Corresponding to mono (left) | |
| Audio output | | -8 dB, 1 kΩ (pin jack) | |
| i.Link | | 4-pin for DV input | |
| Component video output | | Y : 1.0 Vp-p, 75 Ω<br>PB/PR : 0.7 Vp-p, 75 Ω<br>Corresponding to copy protection | |
| Digital audio output | | Optical : -18 dBm, 660 nm | |
| | | Coaxial : 0.7Vp-p,75ohms Corresponding to Dolby Digital and DTS Digital Surround<br>Bit stream<br>Selectable in digital audio output setting menu | |
| **TUNER** | | | |
| Tuning system | | Frequency synthesized tuner | |
| Channel coverage | | VHF : Channels 2 - 13<br>UHF : Channels 14 - 69<br>CATV : 113 Channels | |
| **TIMER** | | | |
| Clock reference | | Quartz | |
| Program capacity | | 1-year programmable timer/8 programs | |
| Memory backup time | | Approx. 60 min. | |
| **ACCESSORIES** | | | |
| Provided accessories | | RF cable,Audio/video cable, Controller,Infrared remote control unit,"AA" battery x 2 | RF cable,Audio/video cable, Controller,Infrared remote control unit,"AA" batteryx2,Conversion plug |

Specifications shown are for SP mode unless otherwise specified.
E.& O.E. Design and specifications subject to change without notice.
Manufactured under licence from Dolby Laboratories. "Dolby" and double-D symbol are trademarks of Dolby Laboratories.
"DTS" and "DTS Digital Out" are trademarks of Digital Theater Systems, Inc.

# SECTION 1
# PRECAUTION

## 1.1 Safety Precautions

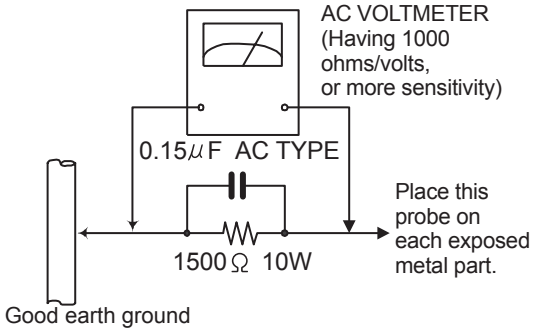
(1) This design of this product contains special hardware and many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Services should be performed by qualified personnel only.

(2) Alterations of the design or circuitry of the product should not be made. Any design alterations of the product should not be made. Any design alterations or additions will void the manufacturers warranty and will further relieve the manufacture of responsibility for personal injury or property damage resulting therefrom.

(3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the Parts List of Service Manual. Electrical components having such features are identified by shading on the schematics and by ( ⚠ ) on the Parts List in the Service Manual. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement parts shown in the Parts List of Service Manual may create shock, fire, or other hazards.

(4) The leads in the products are routed and dressed with ties, clamps, tubings, barriers and the like to be separated from live parts, high temperature parts, moving parts and/or sharp edges for the prevention of electric shock and fire hazard. When service is required, the original lead routing and dress should be observed, and it should be confirmed that they have been returned to normal, after reassembling.

(5) Leakage shock hazard testing
After reassembling the product, always perform an isolation check on the exposed metal parts of the product (antenna terminals, knobs, metal cabinet, screw heads, headphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.Do not use a line isolation transformer during this check.
- Plug the AC line cord directly into the AC outlet. Using a "Leakage Current Tester", measure the leakage current from each exposed metal parts of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground. Any leakage current must not exceed 0.5mA AC (r.m.s.).
- Alternate check method
Plug the AC line cord directly into the AC outlet. Use an AC voltmeter having, 1,000Ω per volt or more sensitivity in the following manner. Connect a 1,500Ω 10W resistor paralleled by a 0.15μF AC-type capacitor between an exposed metal part and a known good earth ground.
Measure the AC voltage across the resistor with the AC voltmeter.
Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Voltage measured any must not exceed 0.75 V AC (r.m.s.). This corresponds to 0.5 mA AC (r.m.s.).




## 1.2 Warning

(1) This equipment has been designed and manufactured to meet international safety standards.
(2) It is the legal responsibility of the repairer to ensure that these safety standards are maintained.
(3) Repairs must be made in accordance with the relevant safety standards.
(4) It is essential that safety critical components are replaced by approved parts.
(5) If mains voltage selector is provided, check setting for local voltage.

## 1.3 Caution

**Burrs formed during molding may be left over on some parts of the chassis.**
**Therefore, pay attention to such burrs in the case of preforming repair of this system.**

## 1.4 Critical parts for safety

In regard with component parts appearing on the silk-screen printed side (parts side) of the PWB diagrams, the parts that are printed over with black such as the resistor ( ▬ ), diode ( ▮ ) and ICP ( ● ) or identified by the " ⚠ " mark nearby are critical for safety. When replacing them, be sure to use the parts of the same type and rating as specified by the manufacturer.
(This regulation dose not Except the J and C version)

### 1.5 Preventing static electricity

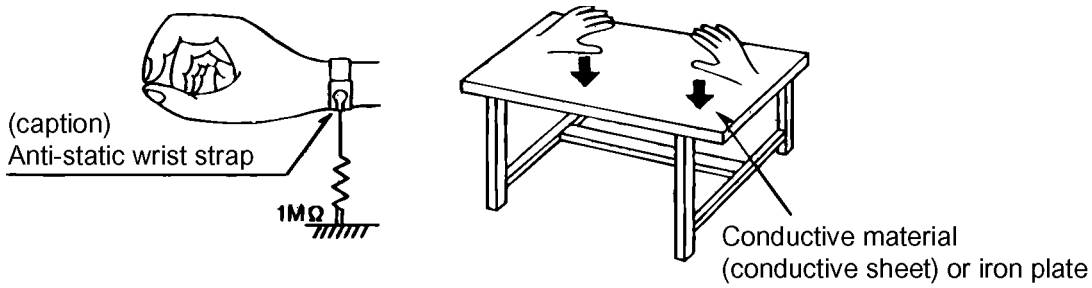
Electrostatic discharge (ESD), which occurs when static electricity stored in the body, fabric, etc. is discharged, can destroy the laser diode in the traverse unit (optical pickup). Take care to prevent this when performing repairs.

#### 1.5.1 Grounding to prevent damage by static electricity

Static electricity in the work area can destroy the optical pickup (laser diode) in devices such as DVD players.
Be careful to use proper grounding in the area where repairs are being performed.

(1) Ground the workbench
Ground the workbench by laying conductive material (such as a conductive sheet) or an iron plate over it before placing the traverse unit (optical pickup) on it.

(2) Ground yourself
Use an anti-static wrist strap to release any static electricity built up in your body.



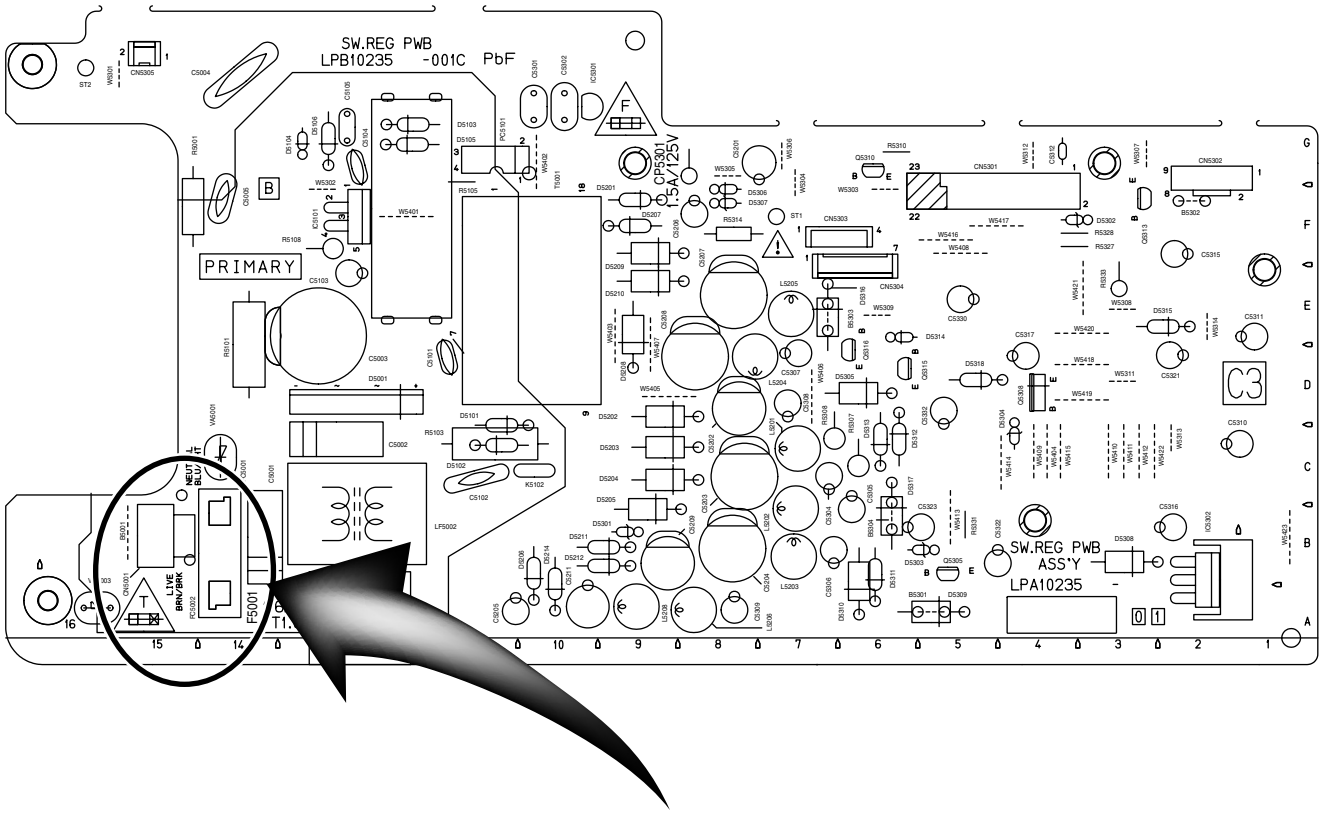

(3) Handling the optical pickup
- In order to maintain quality during transport and before installation, both sides of the laser diode on the replacement optical pickup are shorted. After replacement, return the shorted parts to their original condition. (Refer to the text.)
- Do not use a tester to check the condition of the laser diode in the optical pickup. The tester's internal power source can easily destroy the laser diode.

### 1.6 Handling the traverse unit (optical pickup)

(1) Do not subject the traverse unit (optical pickup) to strong shocks, as it is a sensitive, complex unit.
(2) Cut off the shorted part of the flexible cable using nippers, etc. after replacing the optical pickup. For specific details, refer to the replacement procedure in the text. Remove the anti-static pin when replacing the traverse unit. Be careful not to take too long a time when attaching it to the connector.
(3) Handle the flexible cable carefully as it may break when subjected to strong force.
(4) I t is not possible to adjust the semi-fixed resistor that adjusts the laser power. Do not turn it.

### 1.7 Important for laser products

## Importance administering point on the safety




| Full Fuse Replacement Marking | Marquage Pour Le Remplacement Complet De Fusible |
|---|---|
| Graphic symbol mark<br>(This symbol means fast blow type fuse.)<br><br>should be read as follows ; | Le symbole graphique (Ce symbole signifie fusible de type á fusion rapide.)<br><br>doit être interprété comme suit ; |
| **FUSE CAUTION** | **PRECAUTIONS SUR LES FUSIBLES** |
| **FOR CONTINUED PROTECTION AGAINST RISK OF FIRE, REPLACE ONLY WITH SAME TYPE AND RATING OF FUSES ;**<br><br>**F5001 : 1.6 A / 250 V** | **POUR UNE PROTECTION CONTINUE CONTRE DES RISQUES D'INCENDIE, REMPLACER SEULEMENT PAR UN FUSIBLE DU MEME TYPE ;**<br><br>**F5001 : 1.6 A / 250 V** |

# SECTION 2
# SPECIFIC SERVICE INSTRUCTIONS

This service manual does not describe SPECIFIC SERVICE INSTRUCTIONS.

# SECTION 3
# DISASSEMBLY

## 3.1 Main body section

### 3.1.1 Remove the top cover (See figure 1)

(1) Remove the four screws **A** attaching the top cover on both sides of the main body.
(2) Remove the five screws **B** attaching the top cover on the back of the main body.
(3) Raise the both sides and lower part of the rear of the top cover, with opening them slightly in an outward direction. And the top cover will be removed.

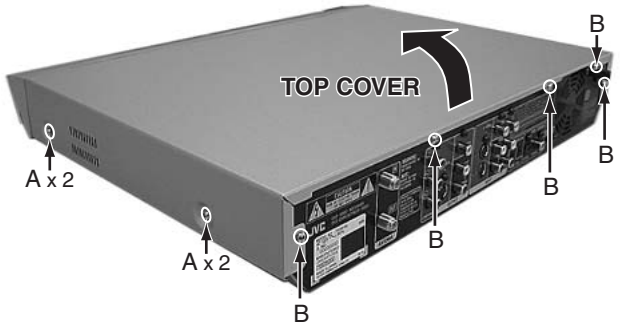


Fig.1

### 3.1.2 Remove the front panel assembly (See figure2, figure 3, and figure 4)

- Prior to performing the following procedure, remove the top cover.
- There is no need to remove the mechanism assembly.

(1) Disconnect the card wires from connector CN3001, CN3002, CN4001 on the main board.
(2) Hooks **a** and **b** are removed respectively, and the front panel assembly is removed.

**NOTE:**
In case of attach a front panel assembly, please let a card wire pass in the hole in the front part of a chassis, respectively, and connect.

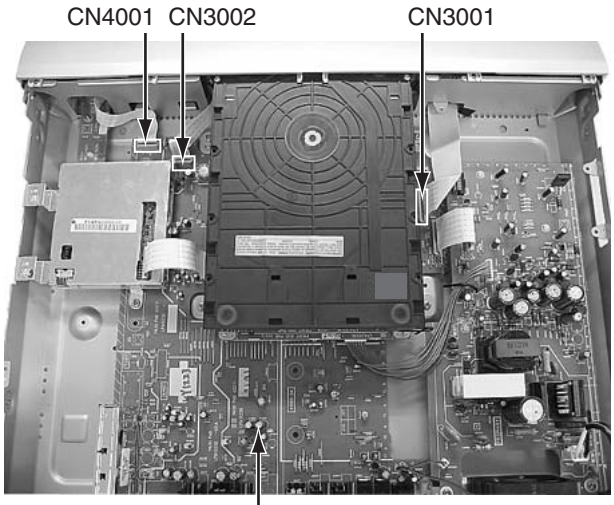


Fig.2

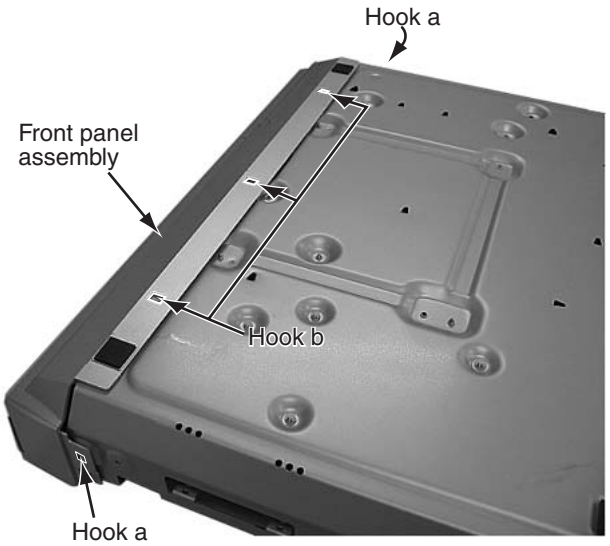


Fig.3

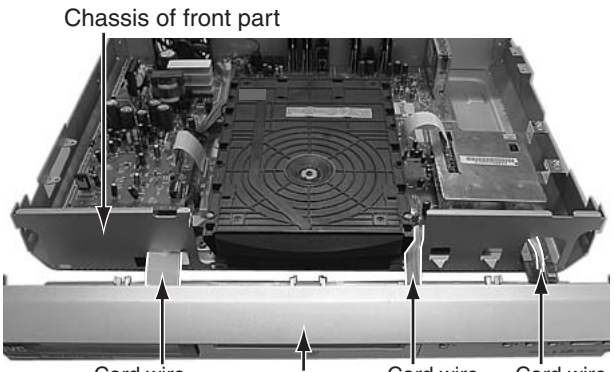


Fig.4

### 3.1.3 Remove the mechanism assembly (See figure 5)

- Prior to performing the following procedure, remove the top cover.
- There is no need to remove the front panel assembly.

(1) Disconnect the socket wire from connector CN451 on the servo control board.
(2) Disconnect the card wire from connector CN2201 on the digital board.
(3) Remove the four screws **C** attaching the mechanism assembly.

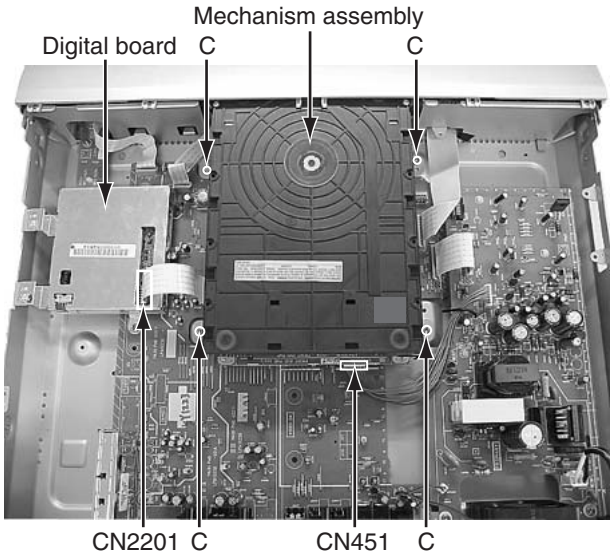


Fig.5

### 3.1.4 Remove the digital board (See figure 6, figure 7)

- Prior to performing the following procedure, remove the top cover.

(1) Disconnect the card wire from connector CN2201 on the digital board.
(2) Remove the four screws **D** and **E** attaching the digital board.
(3) Remove the one screw **F** attaching the jack board.
(4) Lift the digital board up, and remove it. Then, the digital board is removed from the connectors CN4101, CN4102 on the main board. In attaching the digital board, insert the connector on the digital board in these connectors securely.

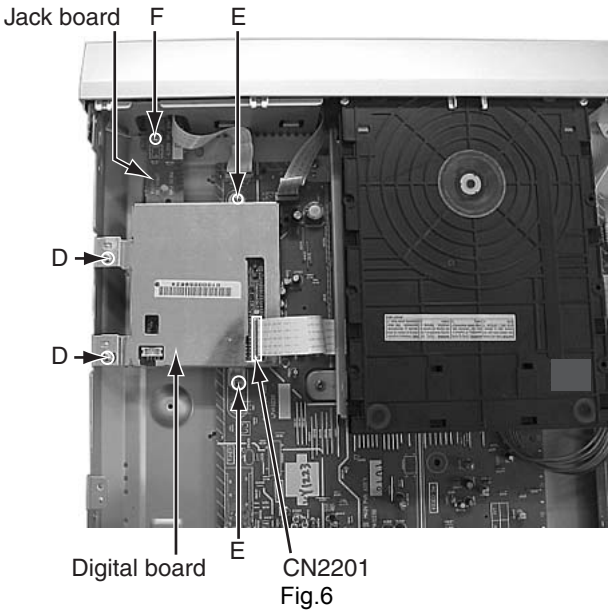


Fig.6

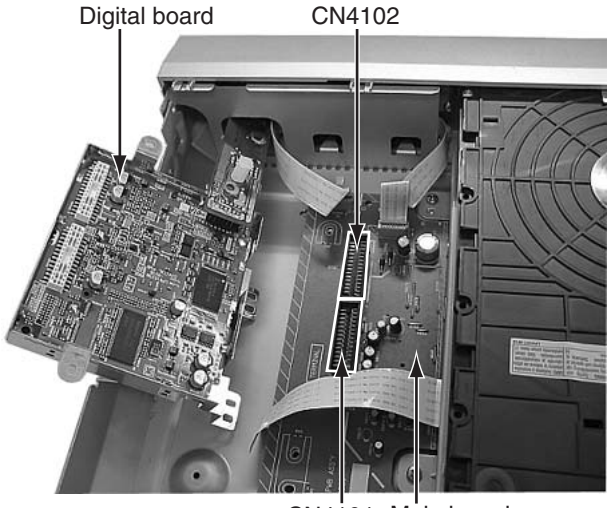


Fig.7

### 3.1.5 Remove the switching regurator board (See figure 8)

- Prior to performing the following procedure, remove the top conver.
  (1) Disconnect the card wire from connector CN5301 on the switching regurator board.
  (2) Disconnect the socket wire from connector CN5302, CN5304, CN5305 on the switching regurator board.
  (3) Disconnect the power cord from connector CN5001 on the switching regurator board.
  (4) Remove the two screws **G** attaching the switching regurator board.
  (5) Four fasteners are removed.

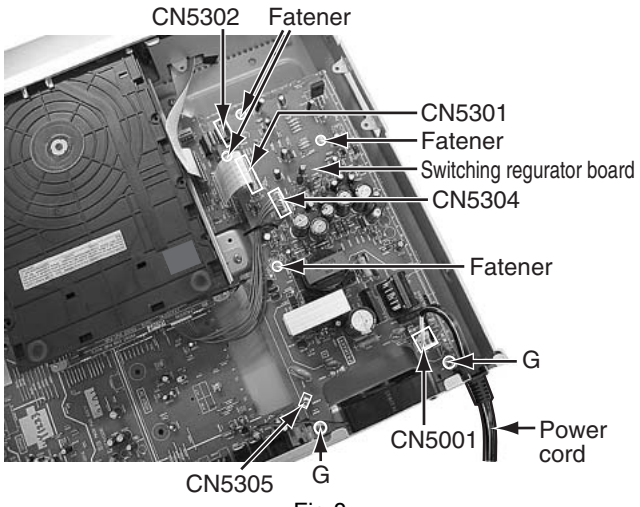


Fig.8

### 3.1.6 Remove the main board (See figure 9, figure 10)

- Prior to performing the following procedure, remove the top cover, mechanism assembly, module board.
  (1) Disconnect the card wire from connector CN3001, CN3002, CN4001, CN5101 on the main board.
  (2) Disconnect the socket wire from connector CN5302 on the switching regurator board.
  (3) Remove the two screws **H** attaching the main board.
  (4) Remove the eight screws **I** attaching the rear panel with main board.

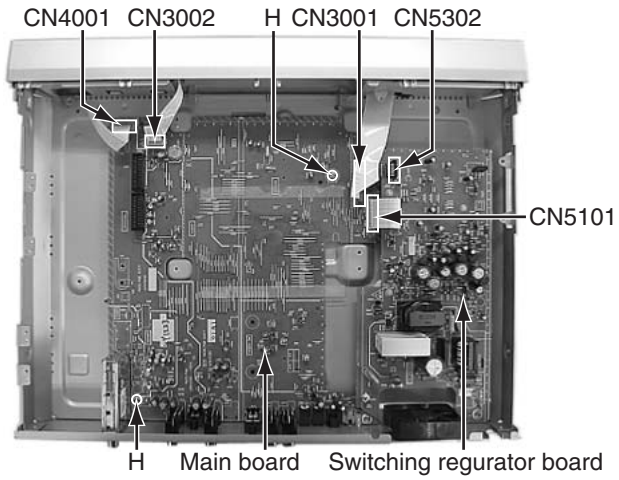


Fig.9

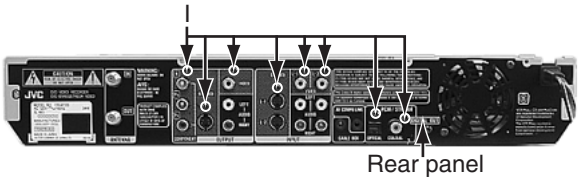


Fig.10

### 3.2 Loading mechanism assembly

#### 3.2.1 Remove the clamper base (See figure 1, figure 2, figure 3)

(1) The part a on the reverse side of a mechanism assembly is made to slide in the direction of an arrow with a driver etc. (A tray ejects a few.)
(2) Remove the two screws **A** attaching the clamper base.
(3) After making a clamper base slide in the direction of an arrow, it raises upward and removes.
(4) A tray is removed.
- The cautions at the time of attaching a clamper base
  Please make a tray into a closing position.
  A shutter guide is moved to left side.

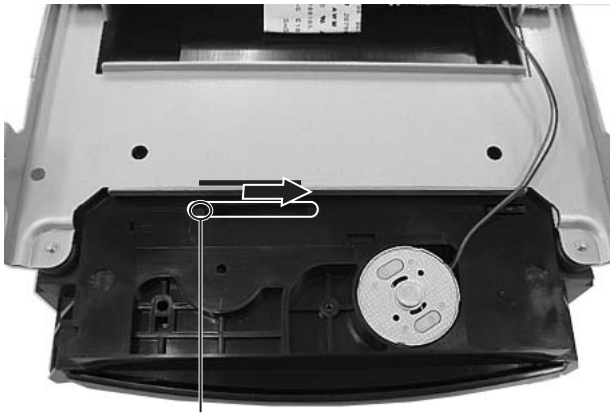



Fig.1

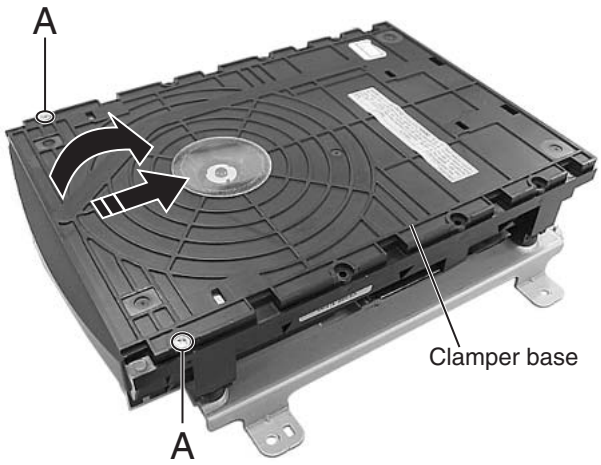



Fig.2

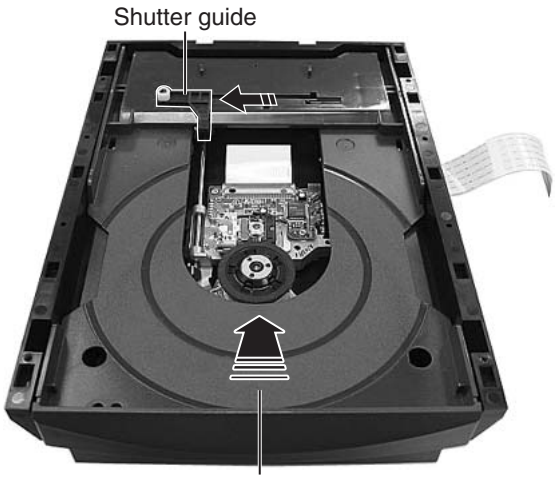



Fig.3

### 3.2.2 Remove the traverse mechanism assembly (See figure 4, figure 5, figure 6)

- Prior to performing the following procedure, remove the clamper base and tray.
  (1) Disconnect the card wire from connector CN1 on the pick-up unit.
  (2) Disconnect the flexible wire from connector CN301 on the servo control board.
  (3) Remove the one screw **B** attaching the mechanism bracket.
  (4) Remove the four screws **C** and **D** attaching the leaf spring.
  (5) Remove the two screws **E** and **F** attaching the traverse mechanism assembly.
  (6) When a traverse mechanism assembly is in the lowest position, a gear 1 is turned clockwise, and since a traverse mechanism assembly is moved to the upper position, it is removed.

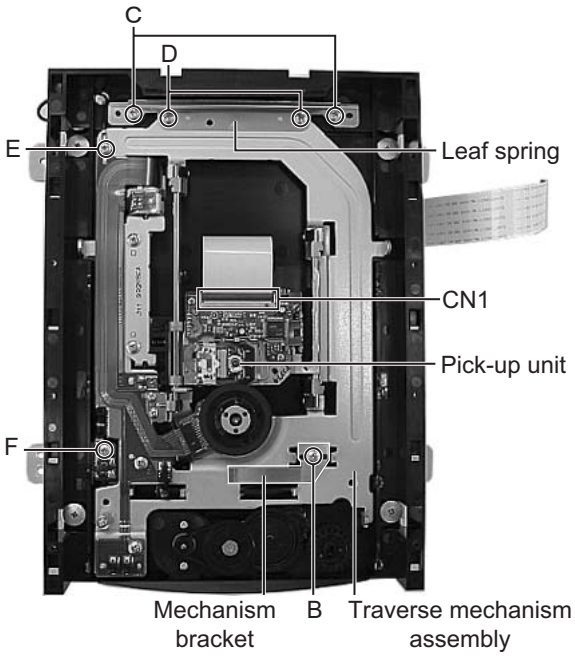



Fig.4

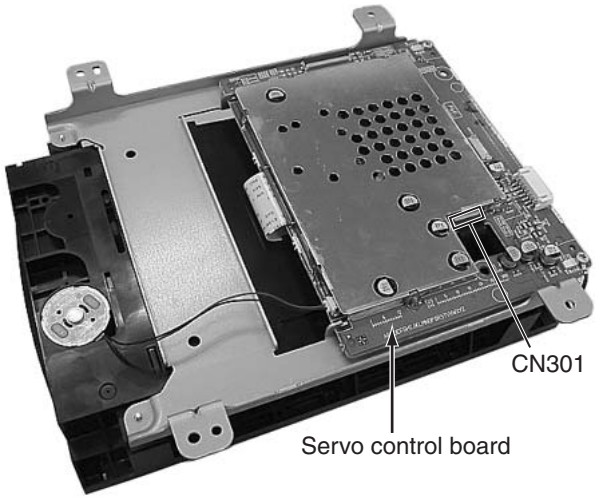



Fig.5

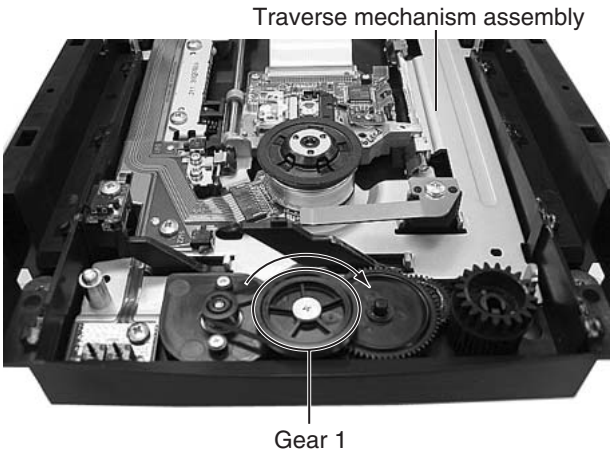



Fig.6

### 3.2.3 Remove the flexible wire assembly (See figure 7)

- Prior to performing the following procedure, remove the clamper base and tray.
  (1) Remove the four screws **G** and **H** attaching the flexible wire assembly.
  (2) Remove the solder part **b** soldered to the feed motor.
  (3) Remove the two screws **I** attaching the shaft guide.
  (4) Disconnect the flexible wire from connector CN1 on the spindle motor board.

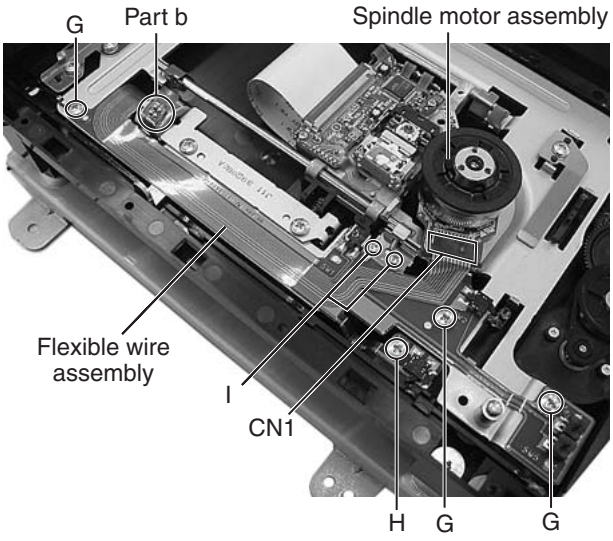



Fig.7

### 3.2.4 Remove the servo control board and board bracket (See figure 8, figure 9)

- Prior to performing the following procedure, remove the clamper base and tray.
  (1) Disconnect the socket wire from connector CN351 on the servo control board.
  (2) Disconnect the flexible wire from connector CN301 on the servo control board.
  (3) Disconnect the card wire from pick-up unit on the servo control board.
  (4) Remove the two screws **J** attaching the servo control board.
  (5) Remove the four screws **K** attaching the board bracket.

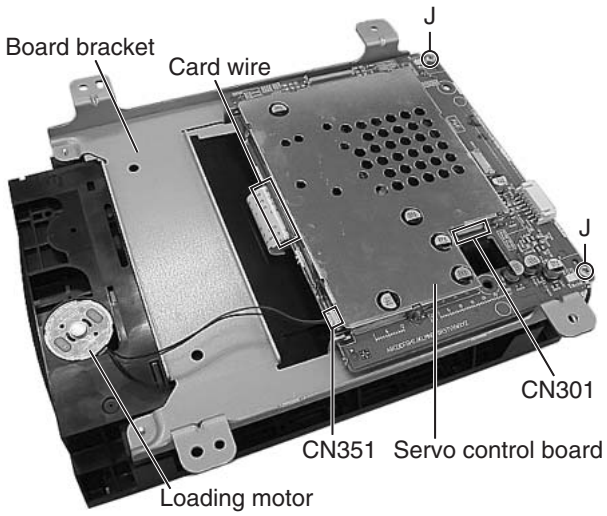



Fig.8

Fig.9

### 3.2.5 Remove the loading motor (See figure 8, figure 9)

- Prior to performing the following procedure, remove the clamper base and tray.
  (1) Disconnect the socket wire from connector CN351 on the servo control board.
  (2) A belt is removed.
  (3) Remove the two screws **L** attaching the loading motor.

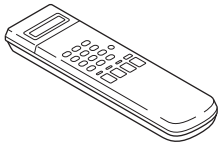
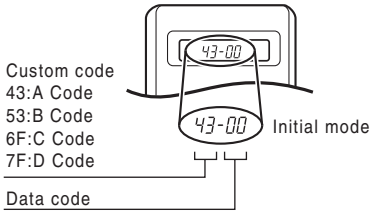
# SECTION 4
# ADJUSTMENT

This service manual does not describe ADJUSTMENT.

# SECTION 5
# TROUBLESHOOTING

### 5.1 JIG Mode

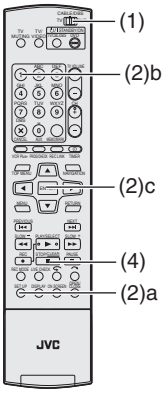
The following remote control units are required to set and cancel JIG mode.
For setting : a remote control unit attached to product.
For cancellation : JIG remote control unit (part number : PTU94023B)

| Remote control unit attached to product | JIG remote control unit |
|---|---|
| |  JIG remote control unit [Data transmission] Set the data code, and then press the " ) " 3 button.   |

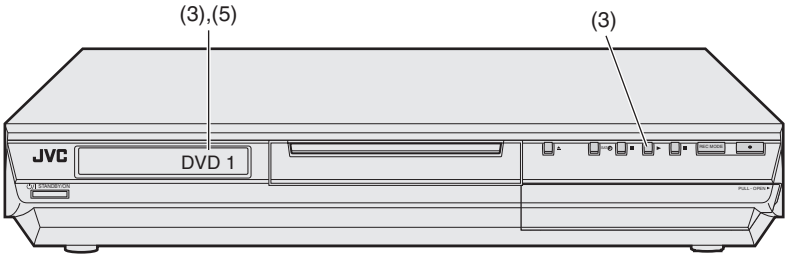
When the main body is set to JIG mode and when the main body is under JIG mode, the remote control unit attached to product operates only in "Remote Control Code 1". Since main body is in "Remote Control Code 3" when it is shipped and just after its batteries are changed, "Remote Control Code 3" needs to be changed to "Remote Control Code 1."

**< Changing Remote Control Code >**

(1) Switch TV/CABLE/DBS/DVD Switch to "DVD"
(2) Press the numeric button "1" of the remote control unit while pressing the "SET UP" button of the remote control unit. Then, press the "ENTER" button, and then release the "SET UP" button.
(3) Press the "PLAY" button of the main body for five seconds or longer while the main body is in stand-by mode, and a current remote control code of the main body is displayed in FL indicator of the main body.
(4) While keeping the state of (3), press the "STOP" button of the remote control unit toward the main body.
(5) The code currently set on the remote blinks on the FL display for approximately 5 seconds, and is applied to the unit. When FL indicator displays "DVD1," it means that the Remote Control Code has been changed to "1."




"(2) a-c" shows the order of pressing the buttons.



### 5.1.1 Setting JIG mode

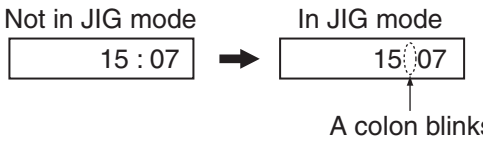
To display SYSTEM INFO or to upgrade firmware, the main body needs to be set to JIG mode.

(1) Turn the main body ON.

(2) Press the buttons of the remote control unit attached to product in the following order : "SET UP" → "2" → "8" → "ENTER"

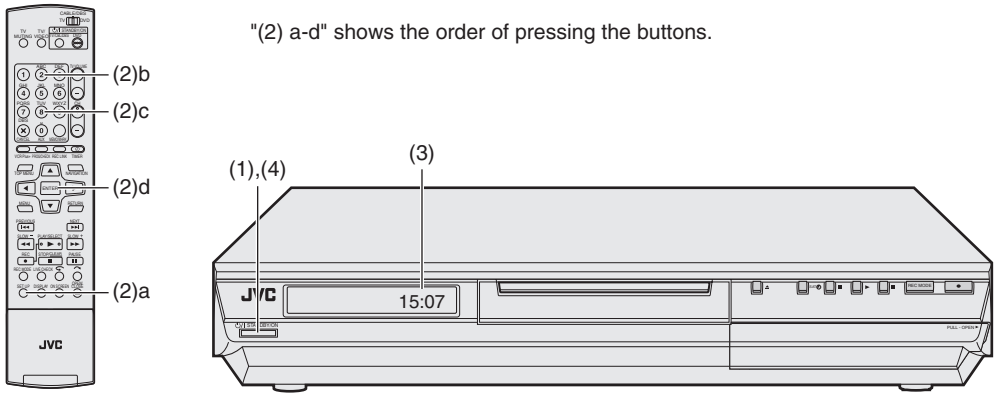
(3) When a colon ":" between "hour" and "minute" of a clock in FL indicator blink, it means that the main body has been set to JIG mode properly.

[ Example ]




(4) Turn the main body OFF, and then turn it ON again.

*Once the main body is set to JIG mode, the JIG mode cannot be cancelled even if the power cord is pulled out from the wall socket.




### 5.1.2 Canceling JIG mode

(1) Transmit "43-9D" to the main body by using JIG remote control unit.

(2) A colon ":" between "hour" and "minute" of a clock in FL indicator light.

(3) Turn the main body OFF, and then turn it ON again.

**NOTE:**

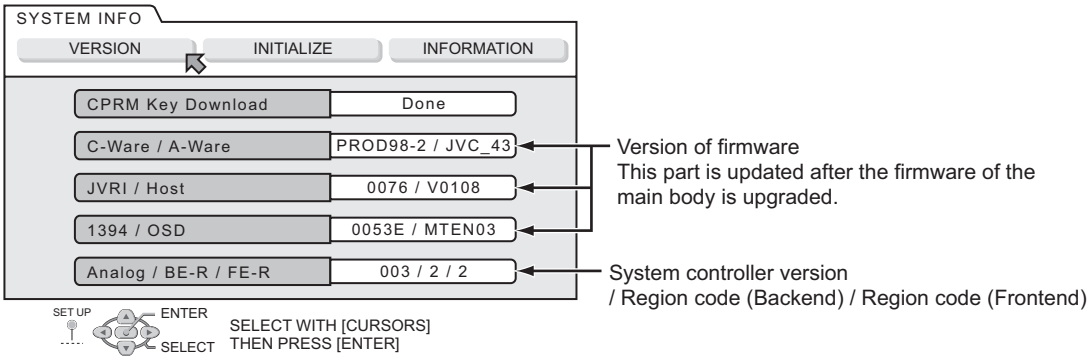
After repair work, be sure to cancel JIG mode. Before returning product to a user, confirm that a colon ":" between "hour" and "minute" of a clock in FL indicator light.

### 5.2 Displaying SYSTEM INFO

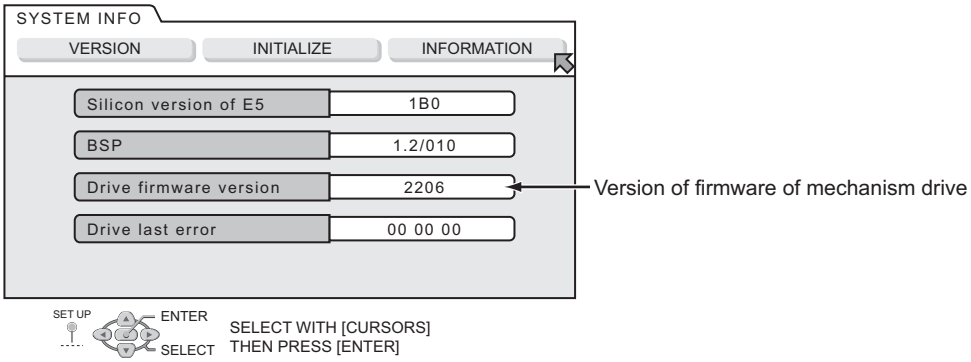
SYSTEM INFO contains information on firmware version of the main body and the mechanism drive.

(1) Set the main body to JIG mode.
(2) Transmit "43-8B" to the main body by using JIG remote control unit.
(3) SYSTEM INFO menu is displayed in the television screen.
(4) To move cursor in SYSTEM INFO, use the "▲", "▼", "◀ ", and " ▶" buttons of a remote control unit attached to product.

## < VERSION >




## < INFORMATION >




**NOTE :**

Items other than the ones described above are not used in service work.

(5) To quit the SYSTEM INFO menu, transmit "43-8B" to the main body by using JIG remote control unit.
(6) Cancel JIG mode.

### 5.3 Update firmware of the main body

- Firmware updare disk supports CD-R media.
  (1) Download a compressed file of the latest firmware in "Digital Video Storage" page in JS-NET.
  (2) Decompress the file, and a file "fwupdate.bin" is generated.
  (3) Write "fwupdate.bin" in CD-R in ISO9660 format.(Don't use Packet Write software. Write in UDF format.)
  (4) Set the main body to JIG mode.
  (5) Transmit "43-70" to the main body by using JIG remote control unit.
  (6) "UPDATE" appears in FL indicator. Load disk for update on the tray, and close the tray.
  (7) Update processing is started automatically.
  (8) Then, "FW UPDATE" appears in FL indicator. It takes approx. **10 minutes** at maximum to update firmware.
  (9) The tray is ejected. Then, take out the disk and close the tray.
  (10) Turn the main body OFF, and pull out the power cord from the wall socket. Then, plug the power cord into the wall socket.
  (11) "LOADING" of FL indicator disappears. Then, turn the main body ON.
  (12) Display the SYSTEM INFO menu, and check the version of the firmware.
  (13) Cancel JIG mode.

**ATTENTION :**

Firmware may sometimes not be update successfully.
If firmware is not update successfully, the tray opens, and "ERROR" appears in FL indicator.
If firmware is update successfully, the tray opens, and "OPEN" appears in FL indicator.
If the power cord is pulled out from the wall socket while "ERROR" appears, data in the flash memory is destroyed and the main body cannot start: the flash memory needs to be replaced.
After update procedure, pay enough attention to FL indicator when the tray opens.

When "ERROR" appears, update firmware again in the following way to restore the firmware.
(1) Transmit "43-70" to the main body by using JIG remote control unit while the tray opens.
(2) When "UPDATE" appears in FL indicator, close the tray and make the main body read the disk. Update starts.
(3) After (2), perform update procedure (4) - (10) of 5.1.4 Update firmware of the main body above.

### 5.4 Update firmware of the mechanism drive

- The update disk of a firmware corresponds only to DVD-RAM media.
- When update of a firmware is required, it writes in from a "Digital Video Storage CSG" and disk is distributed.
  (1) The power supply of a main part is turned ON.
  (2) Load disk for update on the tray, and close the tray.
  (3) It is displayed on FL display part as "READING", and update starts.
  (4) The tray is ejected. Then, take out the disk and close the tray.
  (5) Set the main body to JIG mode, and check the version of the firmware of mechaism drive.

### 5.5 The setting method of a region code

A region code should be set after a DVD recorder mechanism unit is replaced.
While a DVD recorder mechanism unit is in a warehouse as a stock, a region code of the drive unit is not determined.
Only replacement of a DVD recorder mechanism unit may cause abnormal playback of Disc.
Set a region code of a DVD recorder mechanism unit in the following procedure.
(1) Replace a DVD recorder mechanism unit.
(2) Turn POWER switch of the unit ON.
(3) Set the main body to JIG mode.
(4) Insert a DVD-RAM disc in the unit to make the unit read the DVD-RAM disc.(The DVD-RAM disk used in this procedure is not a disk for upgrade. If it is a DVD-RAM disk, it is good anything.)
(5) Send "43-F2" to the unit by using JIG remote control unit.
(6) "REGION 2" is displayed on FL display.
(7) Set the unit to STANDBY.
(8) Turn the POWER switch ON.
(9) To cancel JIG MODE, send "43-9D" to the unit by using JIG remote control unit.
(10) Colon is displayed on a clock on FL display.
(11) Setting is completed in the procedure above.

### 5.6 Taking out a disc

#### 5.6.1 Method 1

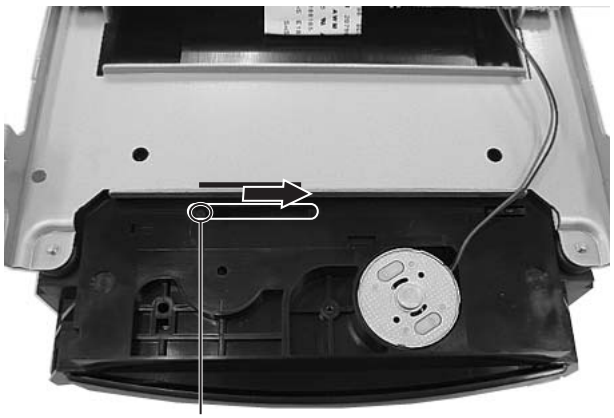
There is compulsive tray ejection mode by electric operation.

(1) AC Plug is pulled out at once and inserted again.
(2) It is displayed on FL display as "LOADING", and while it blinks, pushing the EJECT button of a main body is continued.
(3) After a while, a tray opens (About 20 seconds).
(4) A disk is removed, the EJECT button of a main body is pushed, and a tray is made to close.
(5) The "LOADING" blink display of FL display disappears and it will be in a standby state.
(6) If the POWER button is pushed, it will usually be operating.

#### 5.6.2 Method 2

When a disk is not able to be taken out by operation of "Method 1"
A tray can be ejected mechanically, without switching on a power supply.

(1) A mechanism drive is removed from a main body.
(2) The part **a** on the reverse side of a mechanism assembly is made to slide in the direction of an arrow with a driver etc.
(3) Since a tray ejects a few, a tray is pulled out manually.




### 5.7 Initialization to a factory-shipments state

Since the information on internal is as follows if it initializes, before enforcement, it is required to surely obtain the approval of a end user.

- All the libraries of DVD are eliminated.
- All initial setting of DVD returns to an initial state.

(1) Set the main body to JIG mode.
(2) Transmit "43-6F" to the main body by using JIG remote control unit.
(3) It is displayed on FL display part as "FACTORY", and it is set to "CHECK OK" after blinking for a while.
(4) A power cord is extracted.
(5) Since JIG mode is canceled compulsorily, please insert a power cord again and, simultaneously with operation of this initialization, check that JIG mode is canceled. (The colon of a clock display be on)

## JVC SERVICE & ENGINEERING COMPANY OF AMERICA

DIVISION OF JVC AMERICAS CORP.

www.jvcservice.com(US Only)

## JVC CANADA INC.

**Head office** : 21 Finchdene Square Scarborough, Ontario M1X 1A7 (416)293-1311


JVC®


(No.XA019)

Printed in Japan
WPC

# JVC

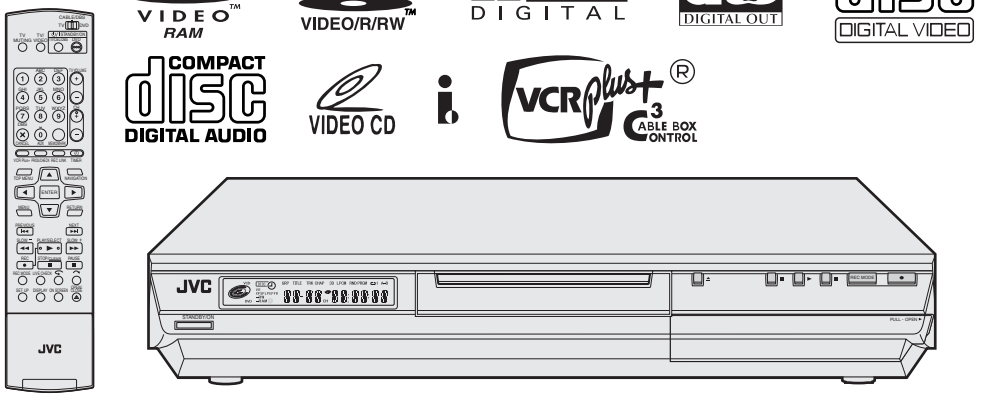
# SCHEMATIC DIAGRAMS

## DVD VIDEO RECORDER

# DR-M10SUS, DR-M10SUC
# DR-M10SUJ

**CD-ROM No.SML200405**

| Area Suffix | |
|---|---|
| US | U.S.A. |
| UC | Canada |
| UJ | U.S.A Militaly |



DR-M10SUS, DR-M10SUC, DR-M10SUJ [D4R10]

Since the whole mechanism assembly unit is replaced, the DVD recorder mechanism of this unit need not be adjusted.

COPYRIGHT © 2004 VICTOR COMPANY OF JAPAN, LIMITED.

No.XA019SCH
2004/05

# CHARTS AND DIAGRAMS

## NOTES OF SCHEMATIC DIAGRAM

**Safety precautions**
**The Components indentified by the symbol ⚠ are critical for safety. For continued safety, replace safety critical components only with manufacturer's recommended parts.**

**1. Units of components on the schematic diagram**

Unless otherwise specified.

1) All resistance values are in ohm. 1/6 W, 1/8 W (refer to parts list).
   Chip resistors are 1/16 W.
   K: KΩ(1000Ω), M: MΩ (1000KΩ)
2) All capacitance values are in μF, (P: PF).
3) All inductance values are in μH, (m: mH).
4) All diodes are 1SS133, MA165 or 1N4148M (refer to parts list).

**Note: The Parts Number, value and rated voltage etc. in the Schematic Diagram are for references only. When replacing the parts, refer to the Parts List.**

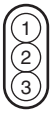
**2. Indications of control voltage**

AUX : Active at high.

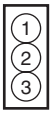
$\overline{\text{AUX}}$ or AUX(L) : Active at low.

**3. Interpreting Connector indications**

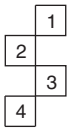
Removable connector



Wire soldered directly on board



Non-removable Board connector



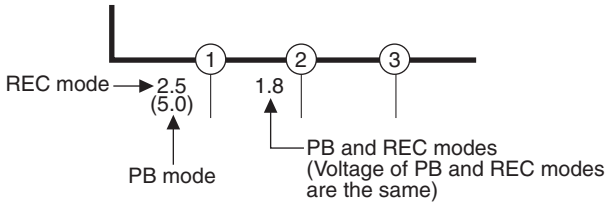
Board to Board

Connected pattern on board
The arrows indicate signal path

**Note: For the destination of each signal and further line connections that are cut off from the diagram, refer to "BOARD INTERCONNECTIONS"**

**4. Voltage measurement**

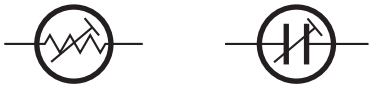
1) Regulator (DC/DC CONV) circuits
   REC : Colour bar signal.
   PB : Alignment tape (Colour bar).
   — : Unmeasurable or unnecessary to measure.
2) Indication on schematic diagram
   Voltage indications for REC and PB mode on the schematic diagram are as shown below.




**Note: If the voltages are not indicated on the schematic diagram, refer to the voltage charts.**

**6. Indication of the parts for adjustments**

The parts for the adjustments are surrounded with the circle as shown below.



**7. Indication of the parts not mounted on the circuit board**

"OPEN" is indicated by the parts not mounted on the circuit board.

## CIRCUIT BOARD NOTES

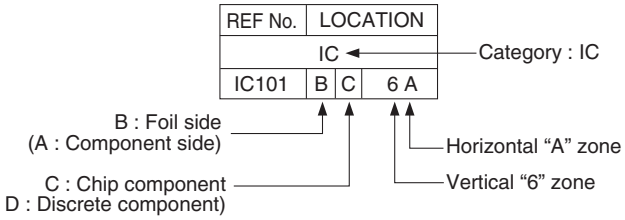
**1. Foil and Component sides**

1) Foil side (B side) :
   Parts on the foil side seen from foil face (pattern face) are indicated.
2) Component side (A side) :
   Parts on the component side seen from component face (parts face) indicated.

rts location are indicated by guide scale on the circuit board.

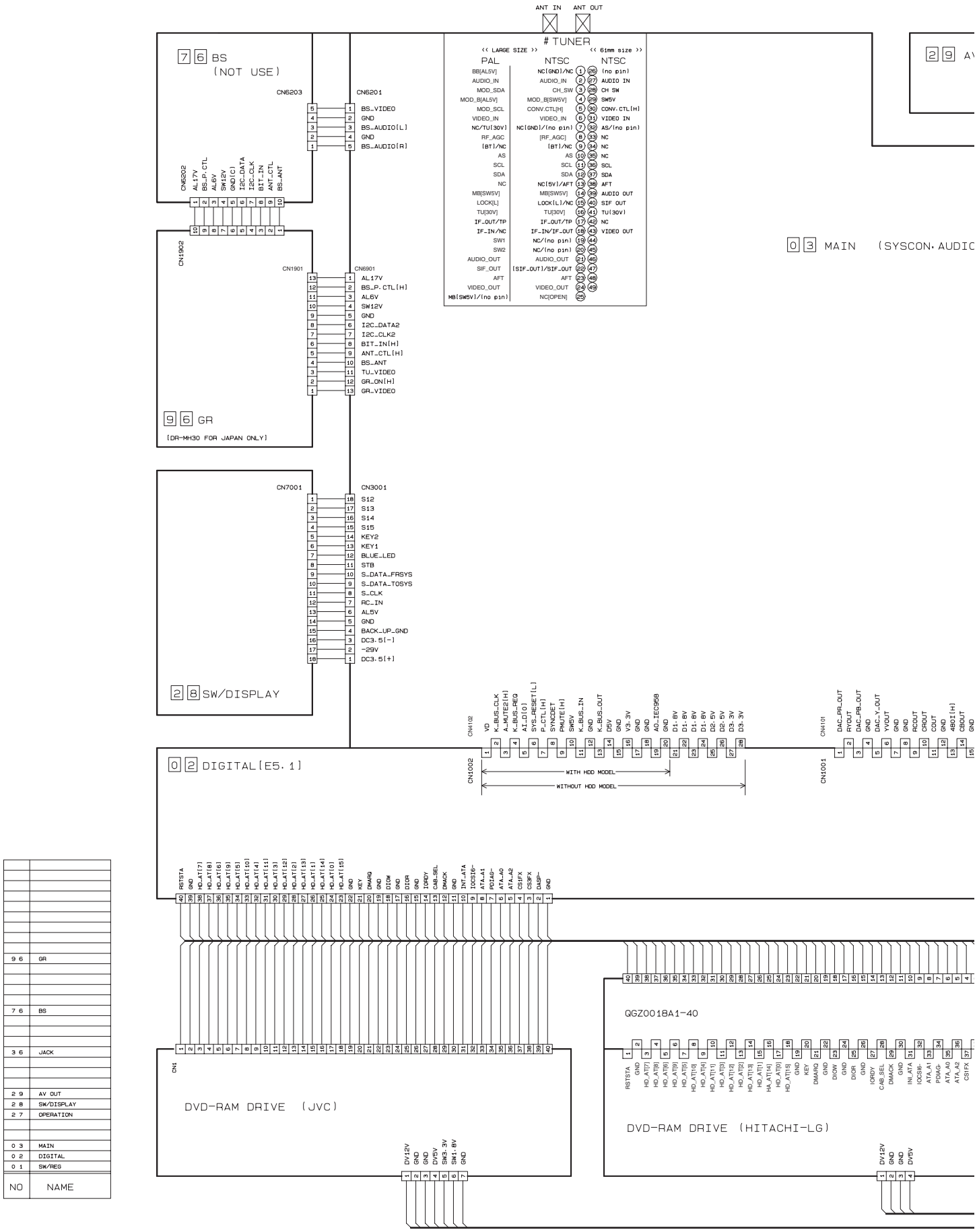
**2. Parts location guides**

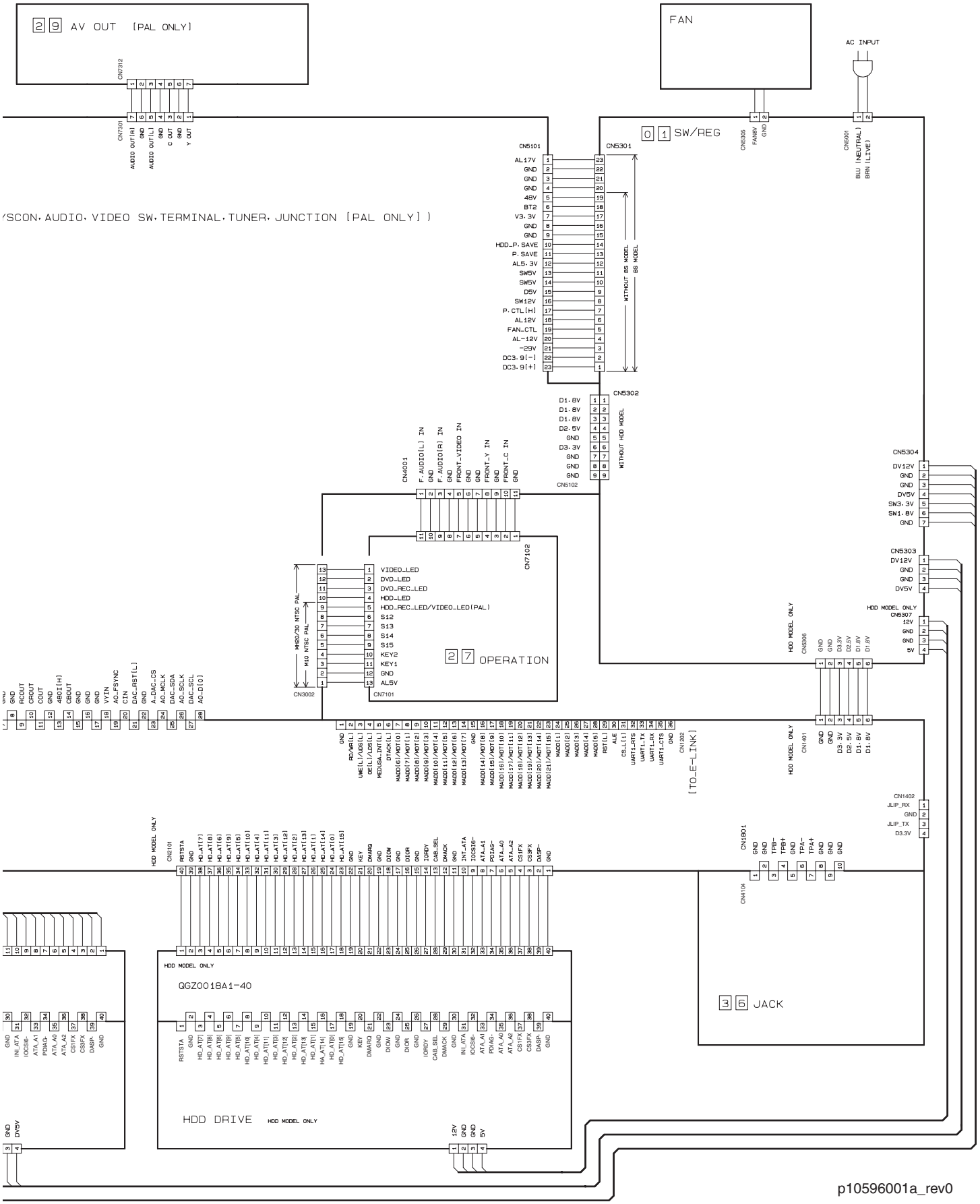
Parts location are indicated by guide scale on the circuit board.




**Note: For general information in service manual, please refer to the Service Manual of GENERAL INFORMATION Edition 4 No. 82054D (January 1994).**

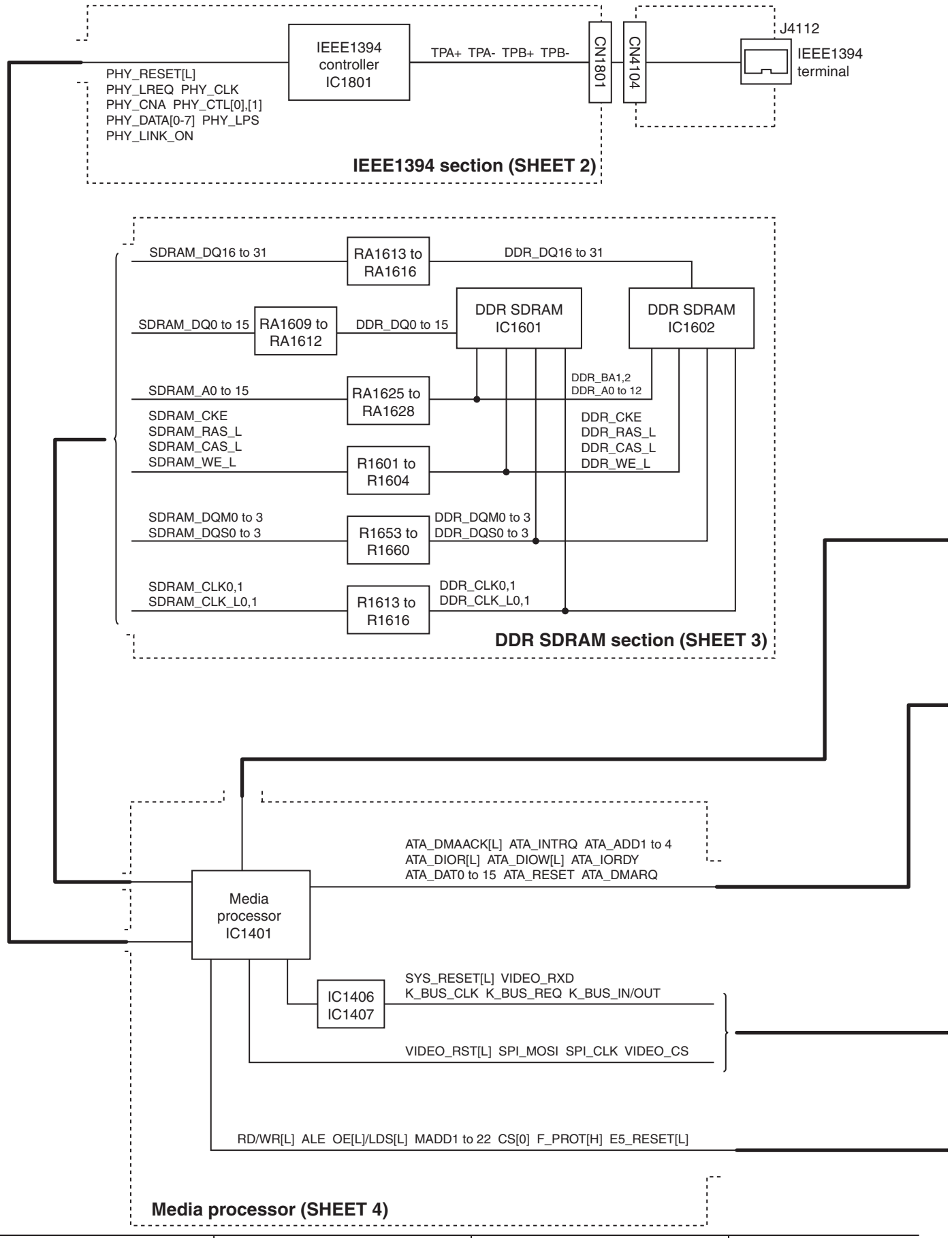
# Wiring diagrams



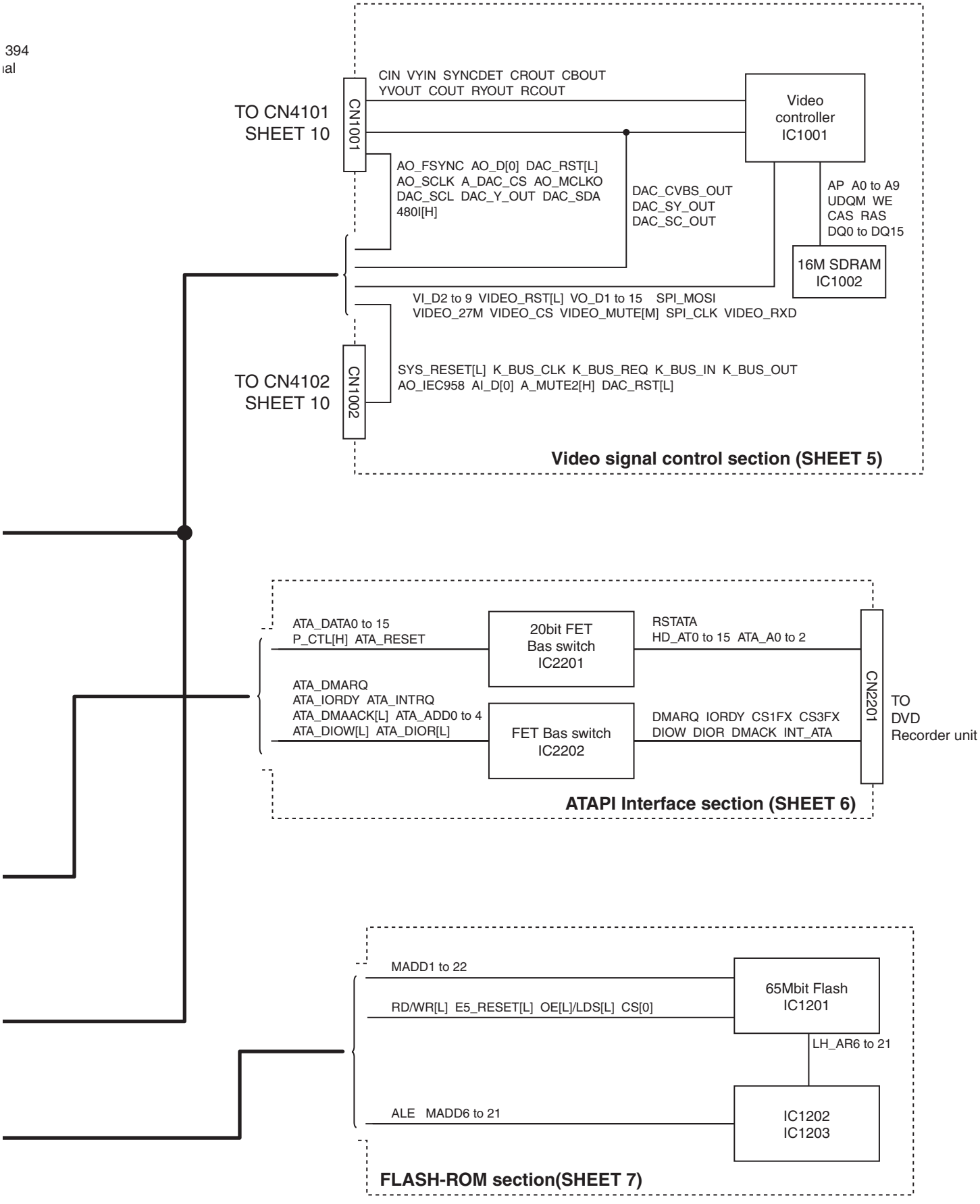

29 AV OUT [PAL ONLY]
FAN
AC INPUT
01 SW/REG
/SCON, AUDIO, VIDEO SW, TERMINAL, TUNER, JUNCTION [PAL ONLY] )
CN7312
CN7301
AUDIO OUT(R)
GND
AUDIO OUT(L)
GND
C OUT
GND
Y OUT
CN5101
CN5301
CN5305
FAN8V
GND
CN5001
BLU (NEUTRAL)
BRN (LIVE)
AL17V
GND
GND
GND
48V
BT2
V3.3V
GND
GND
HDD_P.SAVE
P.SAVE
AL5.3V
SW5V
SW5V
D5V
SW12V
P.CTL(H)
AL12V
FAN_CTL
AL-12V
-29V
DC3.9(-)
DC3.9(+)
WITHOUT BS MODEL
BS MODEL
CN5302
D1.8V
D1.8V
D1.8V
D2.5V
GND
D3.3V
GND
GND
GND
WITHOUT HDD MODEL
CN5102
CN4001
F.AUDIO(L) IN
GND
F.AUDIO(R) IN
GND
FRONT_VIDEO IN
GND
GND
FRONT_Y IN
GND
FRONT_C IN
GND
CN7102
CN5304
DV12V
GND
GND
DV5V
SW3.3V
SW1.8V
GND
CN5303
DV12V
GND
GND
DV5V
HDD MODEL ONLY
CN5307
12V
GND
GND
5V
HDD MODEL ONLY
CN5306
GND
GND
D3.3V
D2.5V
D1.8V
D1.8V
VIDEO_LED
DVD_LED
DVD_REC_LED
HDD_LED
HDD_REC_LED/VIDEO_LED(PAL)
S12
S13
S14
S15
KEY2
KEY1
GND
AL5V
M420/30 NTSC PAL
M10 NTSC PAL
27 OPERATION
CN3002
CN7101
GND
RCOUT
CROUT
COUT
GND
4BDI[H]
CBOUT
GND
GND
VVIN
AO_FSYNC
CIN
DAC_RST[L]
GND
A_DAC_CS
AO_MCLK
DAC_SDA
AO_SCLK
DAC_SCL
AO_DI[0]
CN3302
[TO_E-LINK]
HDD MODEL ONLY
CN1401
CN1402
JLIP_RX
GND
JLIP_TX
D3.3V
CN1801
CN4104
HDD MODEL ONLY
CN2101
QGZ0018A1-40
HDD DRIVE
HDD MODEL ONLY
36 JACK
12V
GND
GND
5V
GND
DV5V
p10596001a_rev0

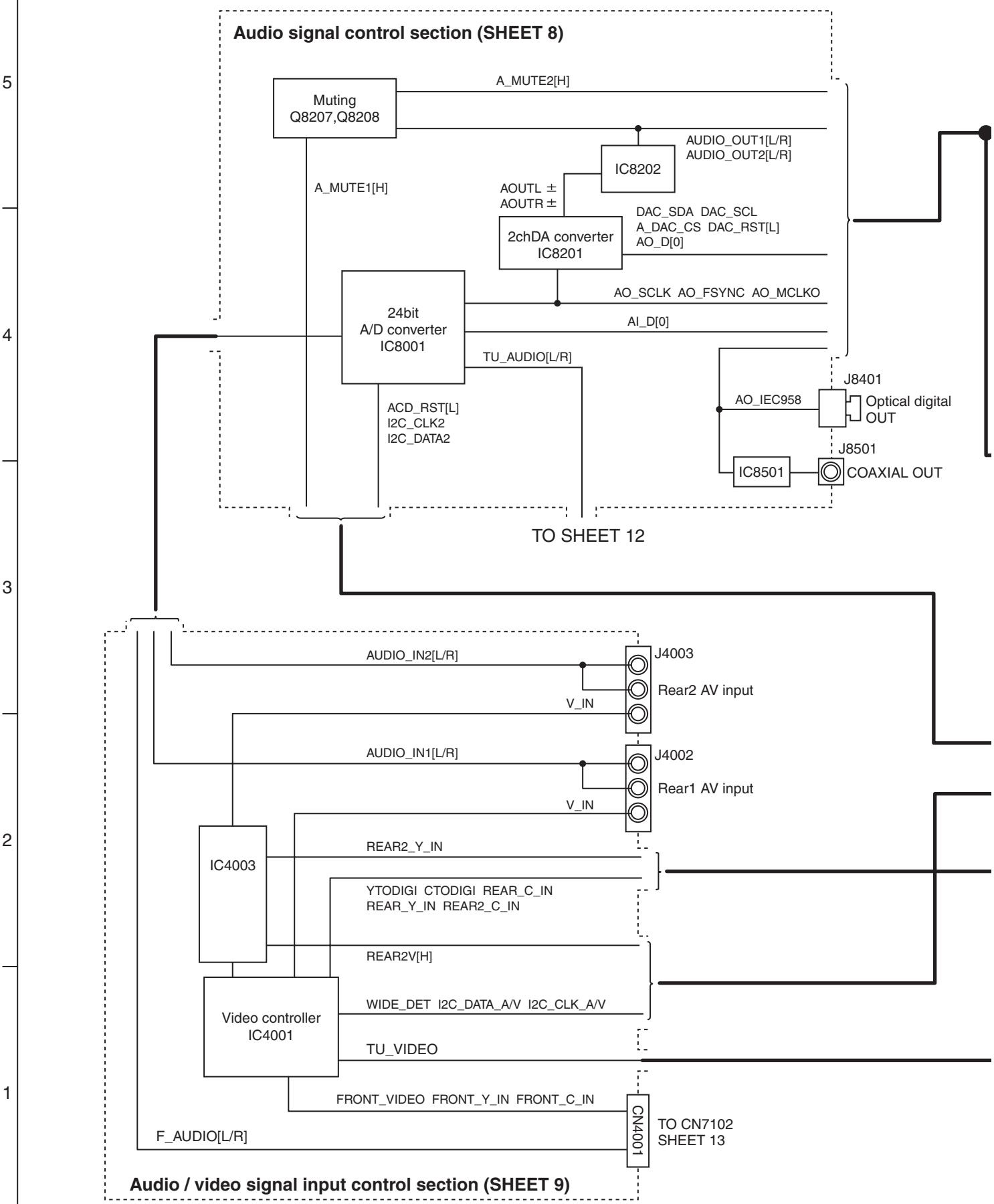
# Block diagrams

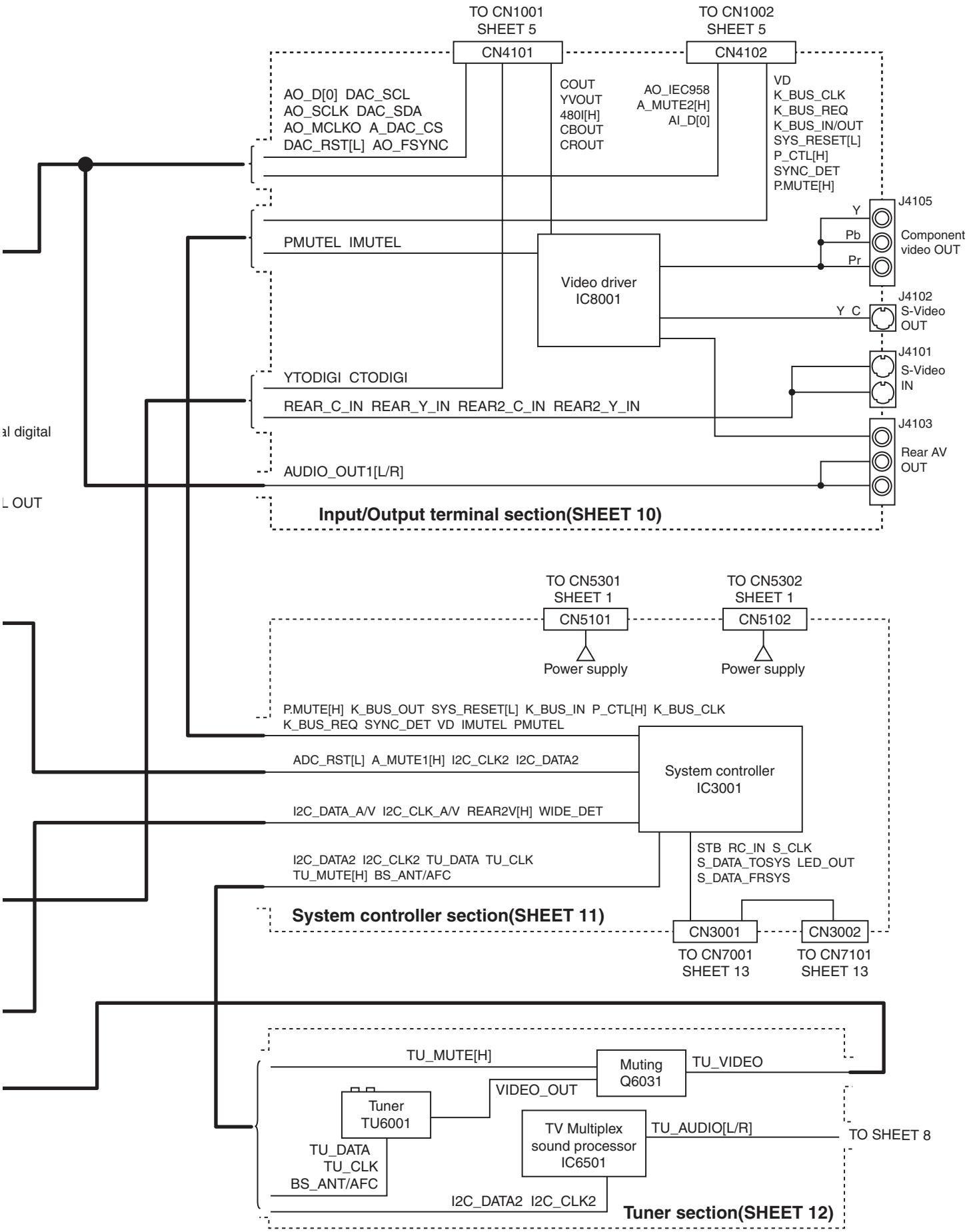
■ DIGITAL 0 2



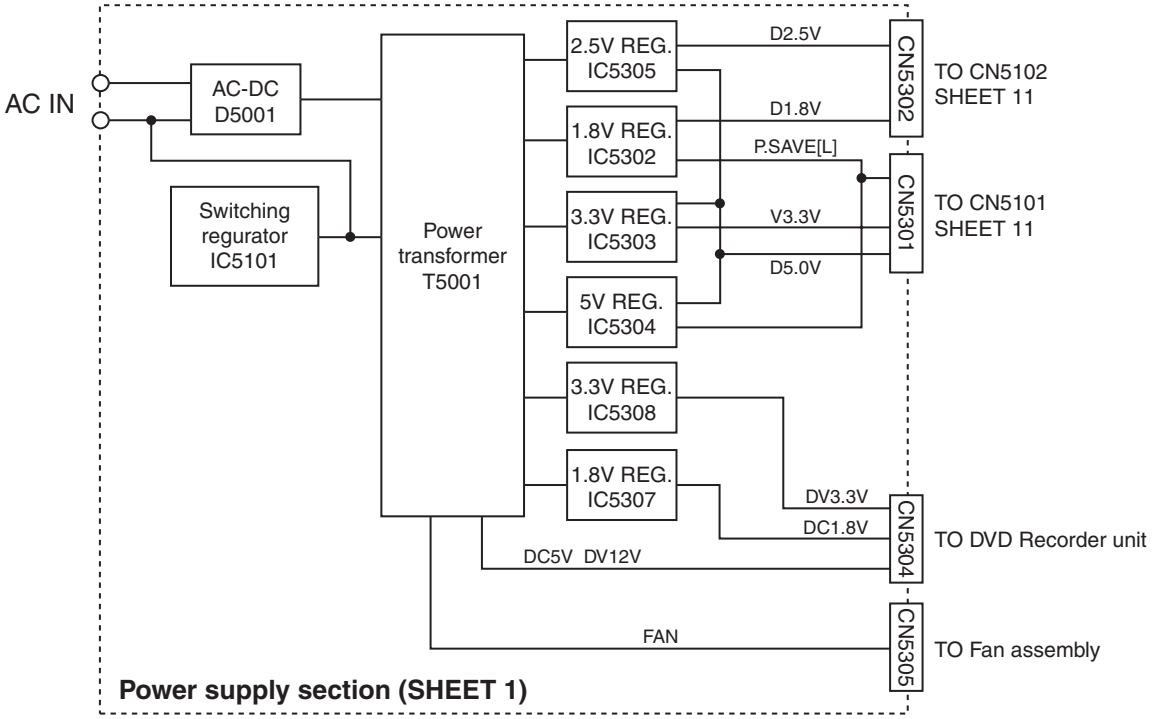
394
ıal


TO CN4101
SHEET 10
CN1001
CIN VYIN SYNCDET CROUT CBOUT
YVOUT COUT RYOUT RCOUT
Video
controller
IC1001
AO_FSYNC AO_D[0] DAC_RST[L]
AO_SCLK A_DAC_CS AO_MCLKO
DAC_SCL DAC_Y_OUT DAC_SDA
480I[H]
DAC_CVBS_OUT
DAC_SY_OUT
DAC_SC_OUT
AP A0 to A9
UDQM WE
CAS RAS
DQ0 to DQ15
16M SDRAM
IC1002
VI_D2 to 9 VIDEO_RST[L] VO_D1 to 15 SPI_MOSI
VIDEO_27M VIDEO_CS VIDEO_MUTE[M] SPI_CLK VIDEO_RXD
TO CN4102
SHEET 10
CN1002
SYS_RESET[L] K_BUS_CLK K_BUS_REQ K_BUS_IN K_BUS_OUT
AO_IEC958 AI_D[0] A_MUTE2[H] DAC_RST[L]
Video signal control section (SHEET 5)
ATA_DATA0 to 15
P_CTL[H] ATA_RESET
20bit FET
Bas switch
IC2201
RSTATA
HD_AT0 to 15 ATA_A0 to 2
ATA_DMARQ
ATA_IORDY ATA_INTRQ
ATA_DMAACK[L] ATA_ADD0 to 4
ATA_DIOW[L] ATA_DIOR[L]
FET Bas switch
IC2202
DMARQ IORDY CS1FX CS3FX
DIOW DIOR DMACK INT_ATA
CN2201
TO
DVD
Recorder unit
ATAPI Interface section (SHEET 6)
MADD1 to 22
RD/WR[L] E5_RESET[L] OE[L]/LDS[L] CS[0]
65Mbit Flash
IC1201
LH_AR6 to 21
ALE MADD6 to 21
IC1202
IC1203
FLASH-ROM section(SHEET 7)

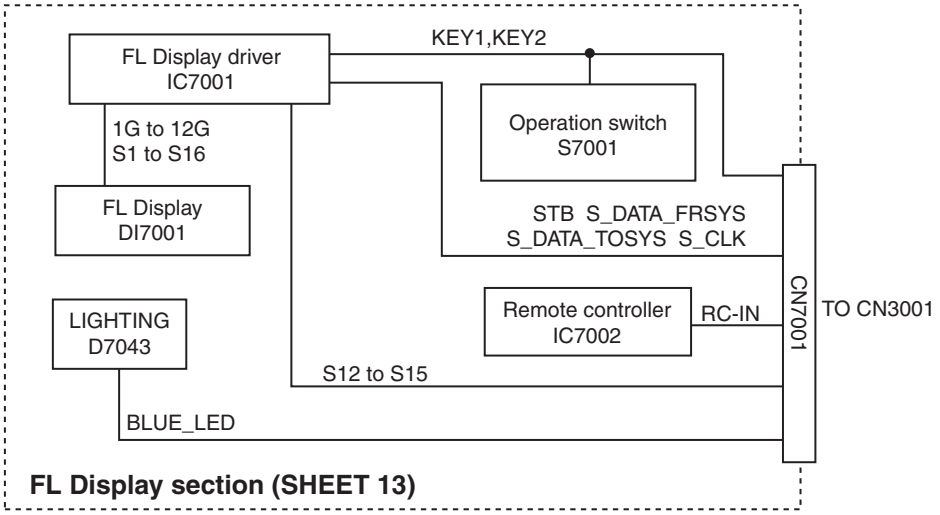

Audio signal control section (SHEET 8)
Muting
Q8207,Q8208
A_MUTE2[H]
AUDIO_OUT1[L/R]
AUDIO_OUT2[L/R]
IC8202
A_MUTE1[H]
AOUTL ±
AOUTR ±
DAC_SDA DAC_SCL
A_DAC_CS DAC_RST[L]
AO_D[0]
2chDA converter
IC8201
AO_SCLK AO_FSYNC AO_MCLKO
24bit
A/D converter
IC8001
AI_D[0]
TU_AUDIO[L/R]
J8401
AO_IEC958
Optical digital
OUT
J8501
IC8501
COAXIAL OUT
ACD_RST[L]
I2C_CLK2
I2C_DATA2
TO SHEET 12
AUDIO_IN2[L/R]
J4003
Rear2 AV input
V_IN
AUDIO_IN1[L/R]
J4002
Rear1 AV input
V_IN
IC4003
REAR2_Y_IN
YTODIGI CTODIGI REAR_C_IN
REAR_Y_IN REAR2_C_IN
REAR2V[H]
Video controller
IC4001
WIDE_DET I2C_DATA_A/V I2C_CLK_A/V
TU_VIDEO
FRONT_VIDEO FRONT_Y_IN FRONT_C_IN
CN4001
TO CN7102
SHEET 13
F_AUDIO[L/R]
Audio / video signal input control section (SHEET 9)


TO CN1001
SHEET 5
TO CN1002
SHEET 5
CN4101
CN4102
AO_D[0] DAC_SCL
AO_SCLK DAC_SDA
AO_MCLKO A_DAC_CS
DAC_RST[L] AO_FSYNC
COUT
YVOUT
480I[H]
CBOUT
CROUT
AO_IEC958
A_MUTE2[H]
AI_D[0]
VD
K_BUS_CLK
K_BUS_REQ
K_BUS_IN/OUT
SYS_RESET[L]
P_CTL[H]
SYNC_DET
P.MUTE[H]
J4105
Y
Pb
Pr
Component video OUT
PMUTEL IMUTEL
Video driver IC8001
J4102
Y C
S-Video OUT
J4101
S-Video IN
YTODIGI CTODIGI
REAR_C_IN REAR_Y_IN REAR2_C_IN REAR2_Y_IN
J4103
Rear AV OUT
AUDIO_OUT1[L/R]
Input/Output terminal section(SHEET 10)
TO CN5301
SHEET 1
TO CN5302
SHEET 1
CN5101
CN5102
Power supply
Power supply
P.MUTE[H] K_BUS_OUT SYS_RESET[L] K_BUS_IN P_CTL[H] K_BUS_CLK
K_BUS_REQ SYNC_DET VD IMUTEL PMUTEL
ADC_RST[L] A_MUTE1[H] I2C_CLK2 I2C_DATA2
System controller IC3001
I2C_DATA_A/V I2C_CLK_A/V REAR2V[H] WIDE_DET
STB RC_IN S_CLK
S_DATA_TOSYS LED_OUT
S_DATA_FRSYS
I2C_DATA2 I2C_CLK2 TU_DATA TU_CLK
TU_MUTE[H] BS_ANT/AFC
System controller section(SHEET 11)
CN3001
CN3002
TO CN7001
SHEET 13
TO CN7101
SHEET 13
TU_MUTE[H]
Muting Q6031
TU_VIDEO
VIDEO_OUT
Tuner TU6001
TV Multiplex sound processor IC6501
TU_AUDIO[L/R]
TO SHEET 8
TU_DATA
TU_CLK
BS_ANT/AFC
I2C_DATA2 I2C_CLK2
Tuner section(SHEET 12)

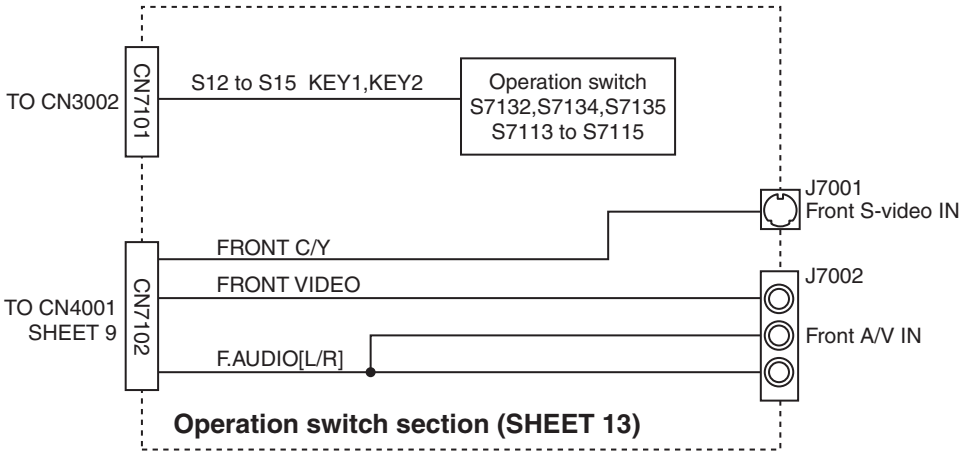
## ■ SW.REG 0 1




## ■ SW/DISPLAY 2 8

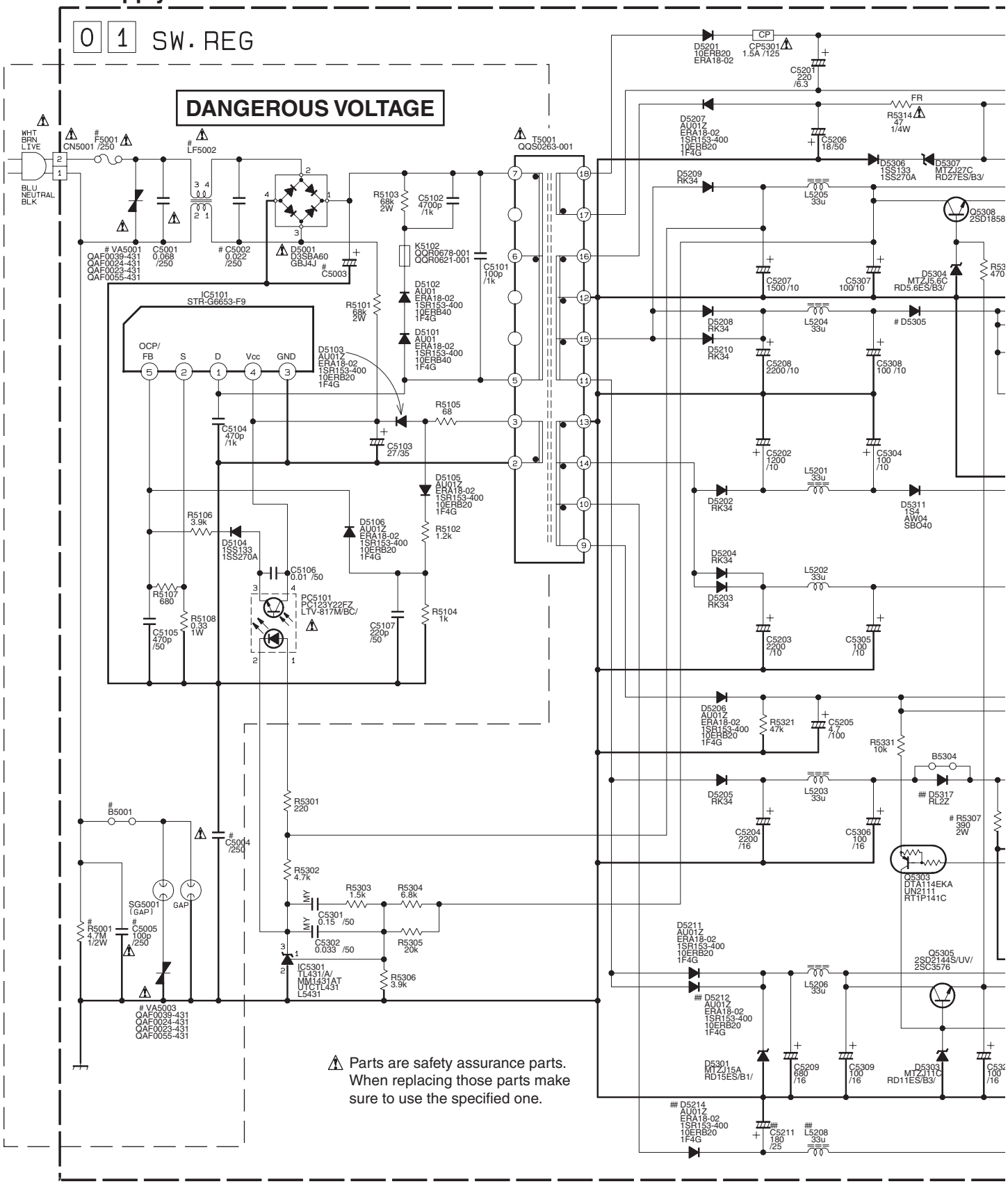


## ■ OPERATE 2 7


TO CN3002
CN7101
S12 to S15 KEY1,KEY2
Operation switch
S7132,S7134,S7135
S7113 to S7115
J7001
Front S-video IN
FRONT C/Y
FRONT VIDEO
J7002
TO CN4001
SHEET 9
CN7102
Front A/V IN
F.AUDIO[L/R]
Operation switch section (SHEET 13)

# Standard schematic diagrams

## ■ Power supply section



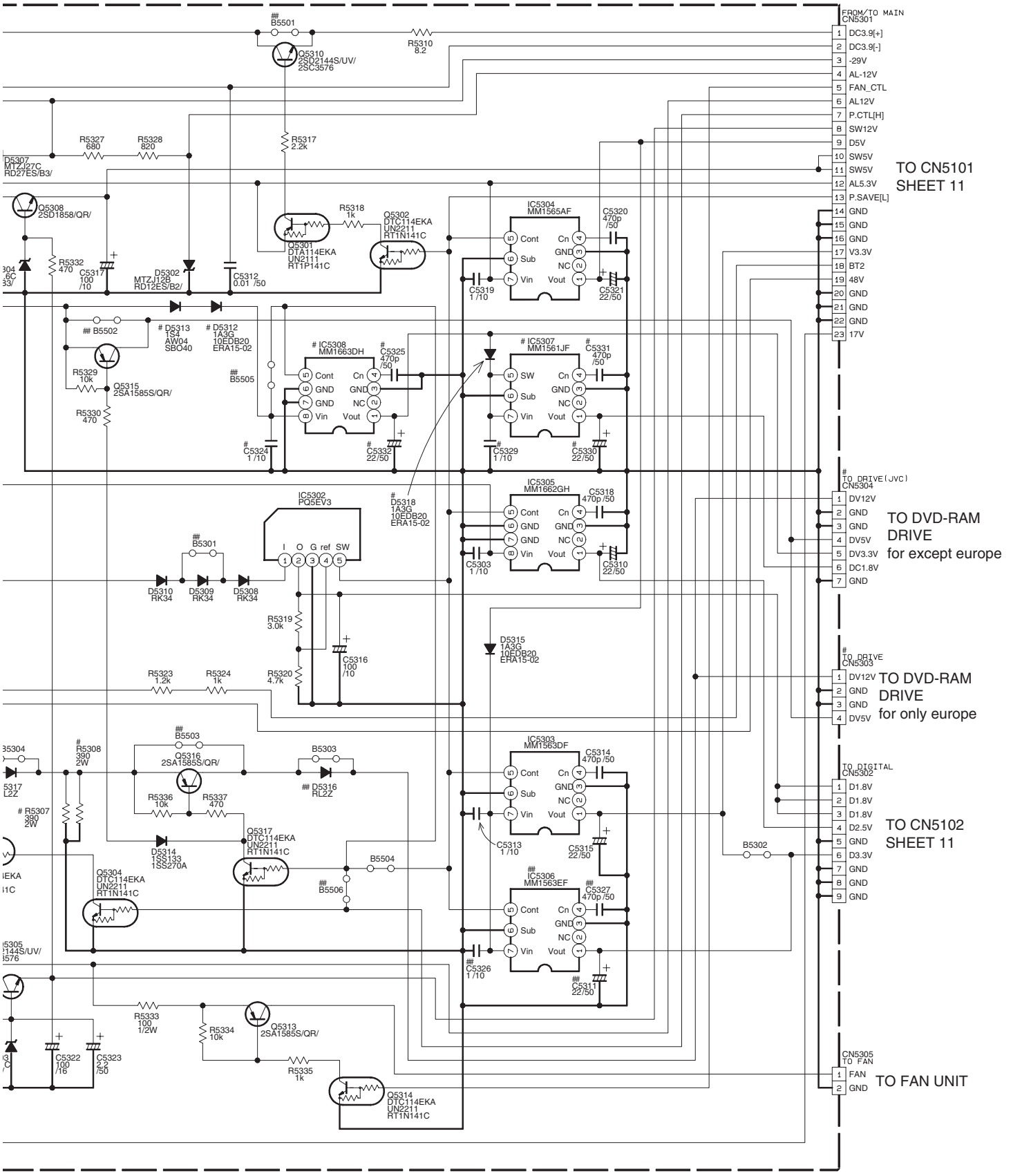

⚠ Parts are safety assurance parts. When replacing those parts make sure to use the specified one.

##MARK ELEMENTA ARE NOT MOUNTED.
#DIFFERENCE TABLE

| | B5001 | C5002 | C5003 | C5004 | C5005 | F5001 | LF5002 | R5001 | VA5001 | VA5003 | C5324 C5330 D5312 IC5308 R5308 C5325 C5331 D5313 IC5307 C5329 C5332 D5318 R5307 | CN5303 | CN5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| US | YES | NO | 330/200 | 4700p | YES | 1.6A | QQR0908-001 QQR0984-001 QQR1215-001 | YES | YES | NO | YES | NO | Y |
| JPN | | | | | | | | | | YES | | | |
| EURO | NO | YES | 82/400 | 2200p | NO | T1.6AL | QQR1031-001 | NO | NO | NO | NO | YES | N |



A B C D




| | CN5303 | CN5304 | D5305 |
|---|---|---|---|
| | NO | YES | RK34 |
| | YES | NO | RL2Z |

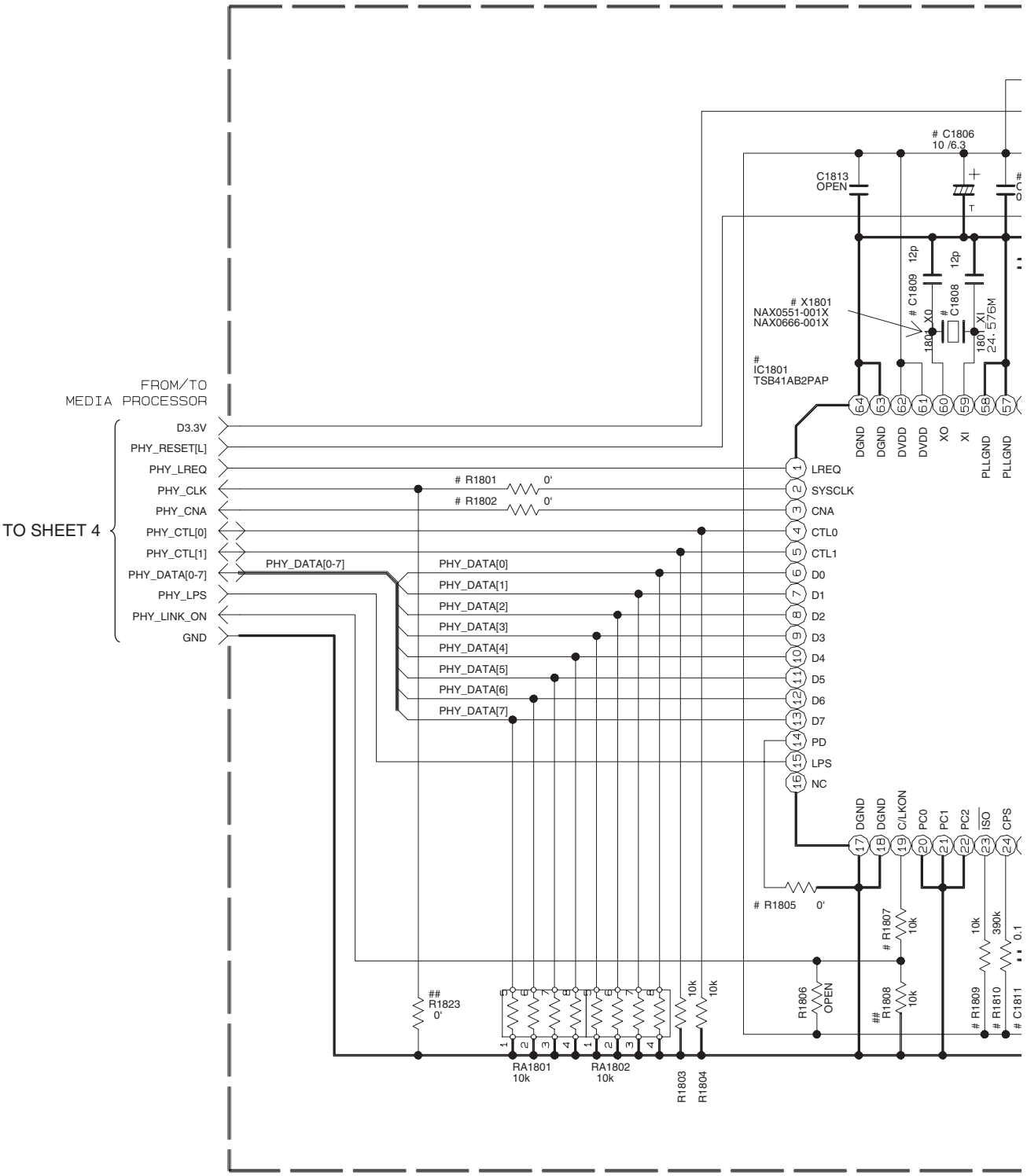
NOTES: UNLESS OTHERWISE SPECIFIED.
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN μF.

ELECTROLYTIC — MYLER
CERAMIC — NON POLAR

p20399001a_rev1

**SHEET 1**

## ■ IEEE1394 section




NOTES: UNLESS OTHERWISE SPECIFIED.

ALL RESISTANCE VALUES ARE IN OHMS.

ALL INDUCTANCE VALUES ARE IN H.

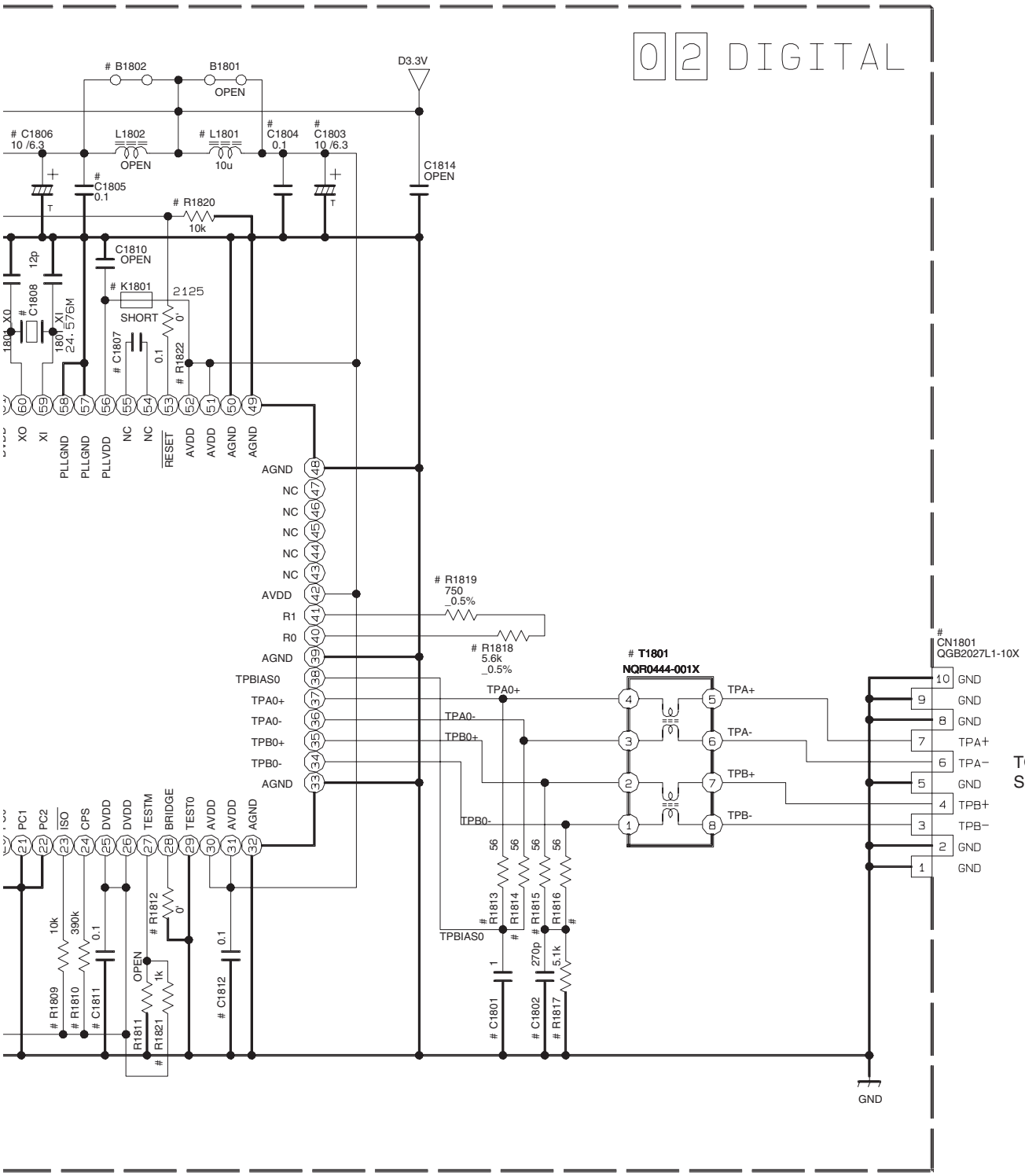
ALL CAPACITANCE VALUES ARE IN μF.

ELECTROLYTIC

CERAMIC

OS ORGANIC SEMICONDUCTOR

T TANTAL



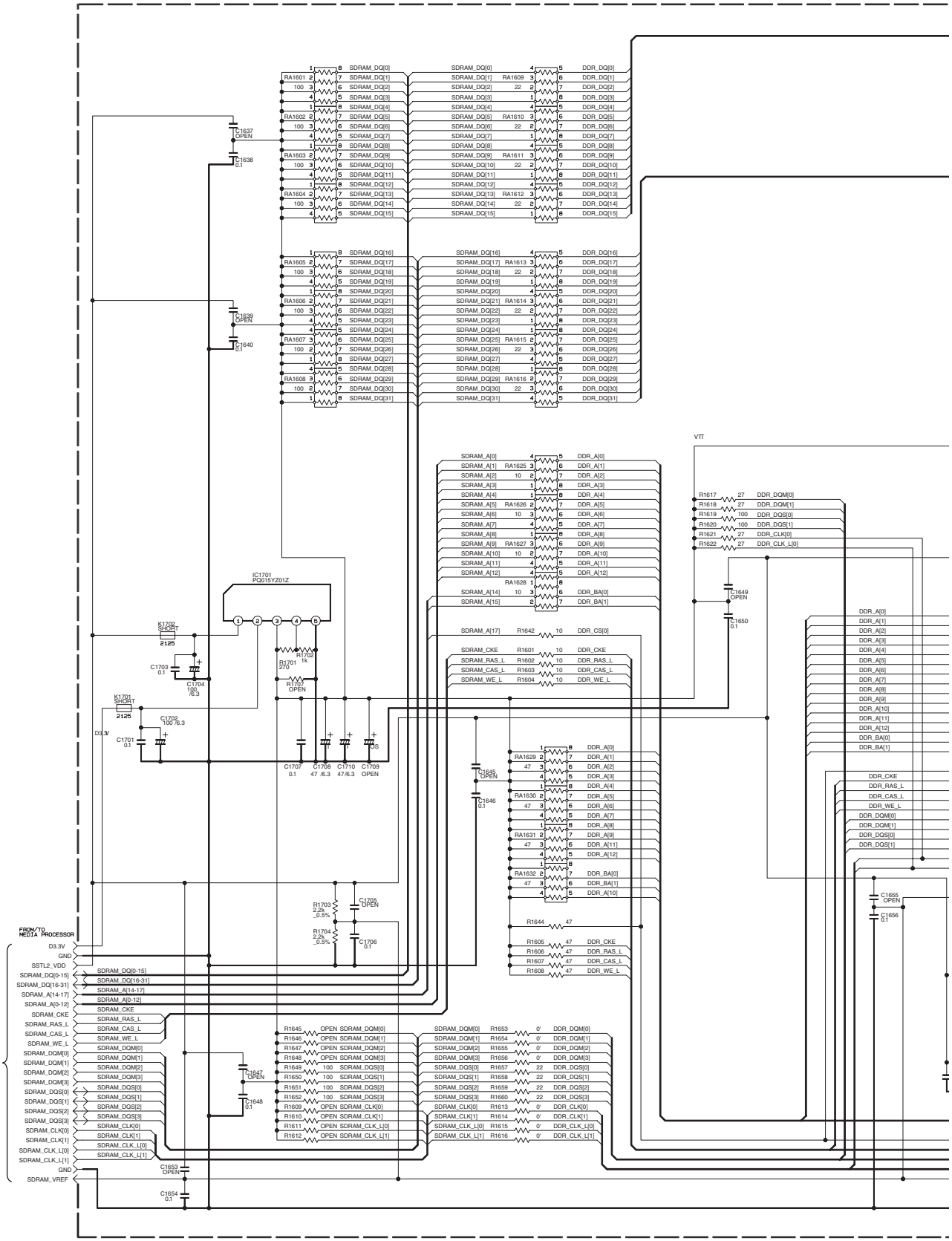

DIFFERENCE TABLE

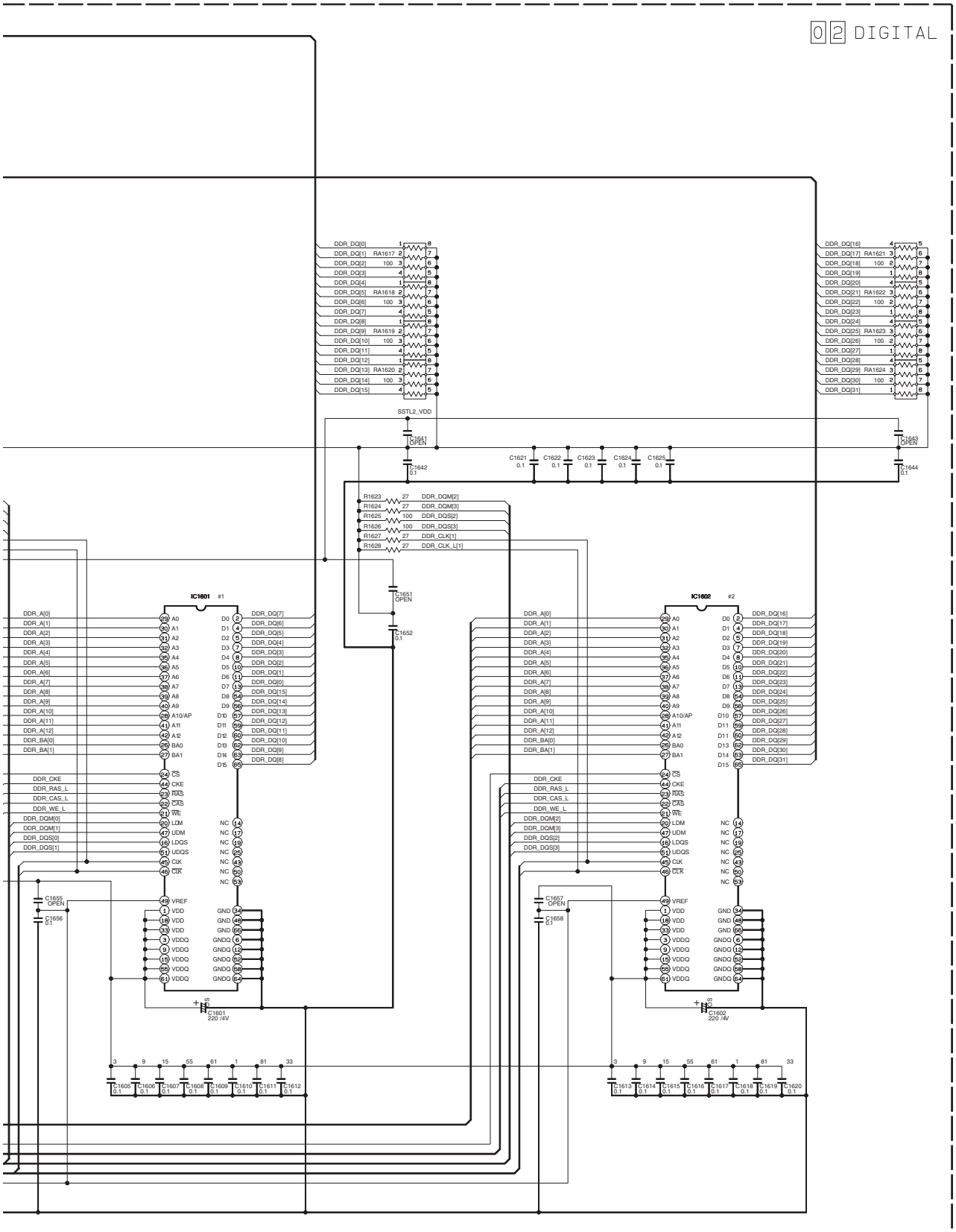
| DV IN | # MARK | ## MARK |
|---|---|---|
| ○ | ○ | × |
| × | × | ○ |

p30122001a_rev1

**SHEET 2**

## ■ DDR SDRAM section




DDR_DQ[0] DDR_DQ[1] RA1617 DDR_DQ[2] 100 DDR_DQ[3] DDR_DQ[4] DDR_DQ[5] RA1618 DDR_DQ[6] 100 DDR_DQ[7] DDR_DQ[8] DDR_DQ[9] RA1619 DDR_DQ[10] 100 DDR_DQ[11] DDR_DQ[12] DDR_DQ[13] RA1620 DDR_DQ[14] 100 DDR_DQ[15]
DDR_DQ[16] DDR_DQ[17] RA1621 DDR_DQ[18] 100 DDR_DQ[19] DDR_DQ[20] DDR_DQ[21] RA1622 DDR_DQ[22] 100 DDR_DQ[23] DDR_DQ[24] DDR_DQ[25] RA1623 DDR_DQ[26] 100 DDR_DQ[27] DDR_DQ[28] DDR_DQ[29] RA1624 DDR_DQ[30] 100 DDR_DQ[31]
SSTL2_VDD
C1641 OPEN
C1642 0.1
C1621 0.1
C1622 0.1
C1623 0.1
C1624 0.1
C1625 0.1
C1643 OPEN
C1644 0.1
R1623 27 DDR_DQM[2]
R1624 27 DDR_DQM[3]
R1625 100 DDR_DQS[2]
R1626 100 DDR_DQS[3]
R1627 27 DDR_CLK[1]
R1628 27 DDR_CLK_L[1]
C1651 OPEN
C1652 0.1
IC1601 #1
IC1602 #2
DDR_A[0] DDR_A[1] DDR_A[2] DDR_A[3] DDR_A[4] DDR_A[5] DDR_A[6] DDR_A[7] DDR_A[8] DDR_A[9] DDR_A[10] DDR_A[11] DDR_A[12] DDR_BA[0] DDR_BA[1]
A0 A1 A2 A3 A4 A5 A6 A7 A8 A9 A10/AP A11 A12 BA0 BA1
DDR_CKE DDR_RAS_L DDR_CAS_L DDR_WE_L DDR_DQM[0] DDR_DQM[1] DDR_DQS[0] DDR_DQS[1]
CS CKE RAS CAS WE LDM UDM LDQS UDQS CLK CLK
DDR_DQ[7] DDR_DQ[6] DDR_DQ[5] DDR_DQ[4] DDR_DQ[3] DDR_DQ[2] DDR_DQ[1] DDR_DQ[0] DDR_DQ[15] DDR_DQ[14] DDR_DQ[13] DDR_DQ[12] DDR_DQ[11] DDR_DQ[10] DDR_DQ[9] DDR_DQ[8]
D0 D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 D11 D12 D13 D14 D15
NC NC NC NC NC NC NC NC NC NC
VREF VDD VDD VDD VDDQ VDDQ VDDQ VDDQ VDDQ
GND GND GND GNDQ GNDQ GNDQ GNDQ GNDQ GNDQ
C1655 OPEN
C1656 0.1
C1601 220 /4V
C1657 OPEN
C1658 0.1
C1602 220 /4V
C1605 C1606 C1607 C1608 C1609 C1610 C1611 C1612
C1613 C1614 C1615 C1616 C1617 C1618 C1619 C1620
0.1

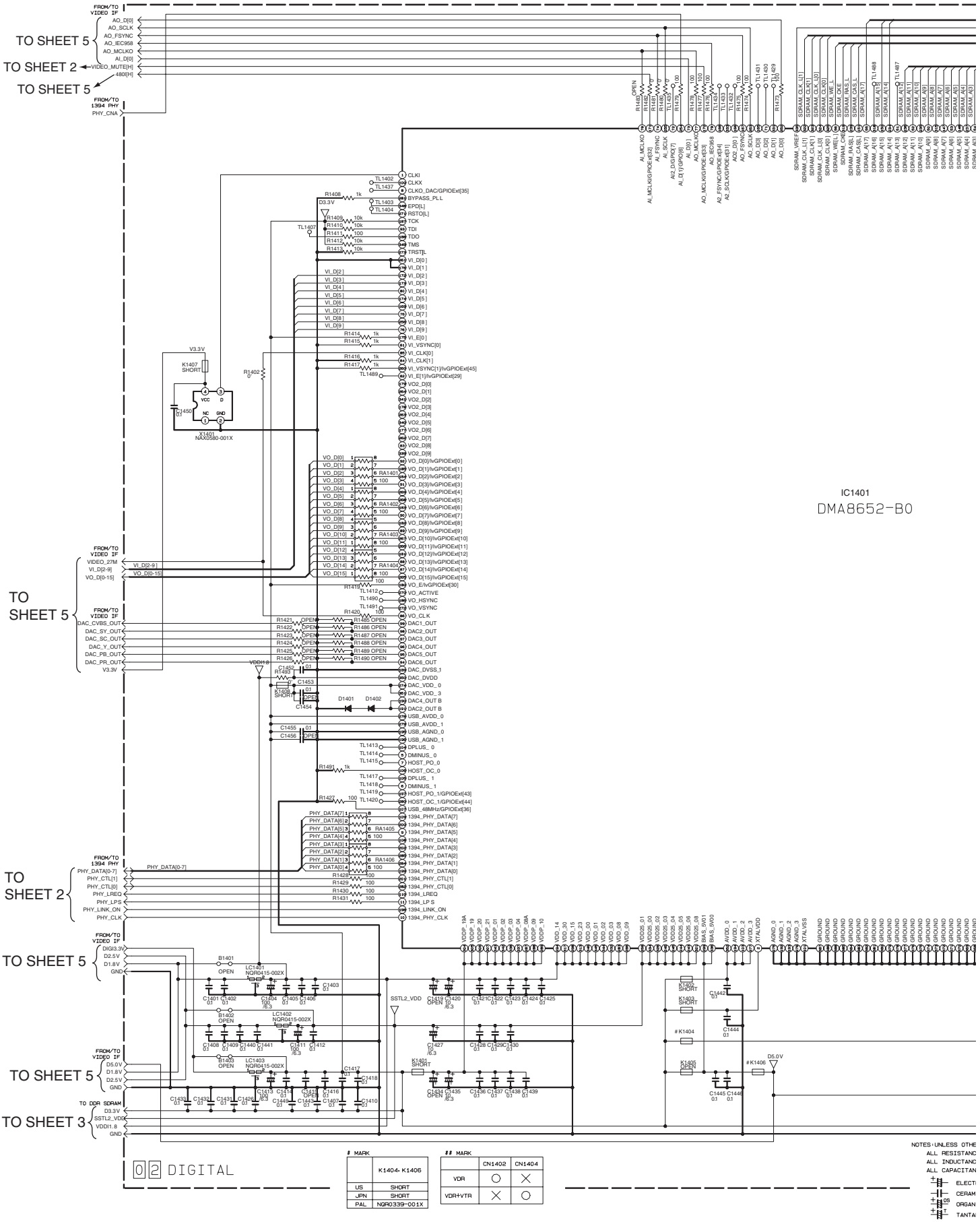
NOTES: UNLESS OTHERWISE SPECIFIED.
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN μF.

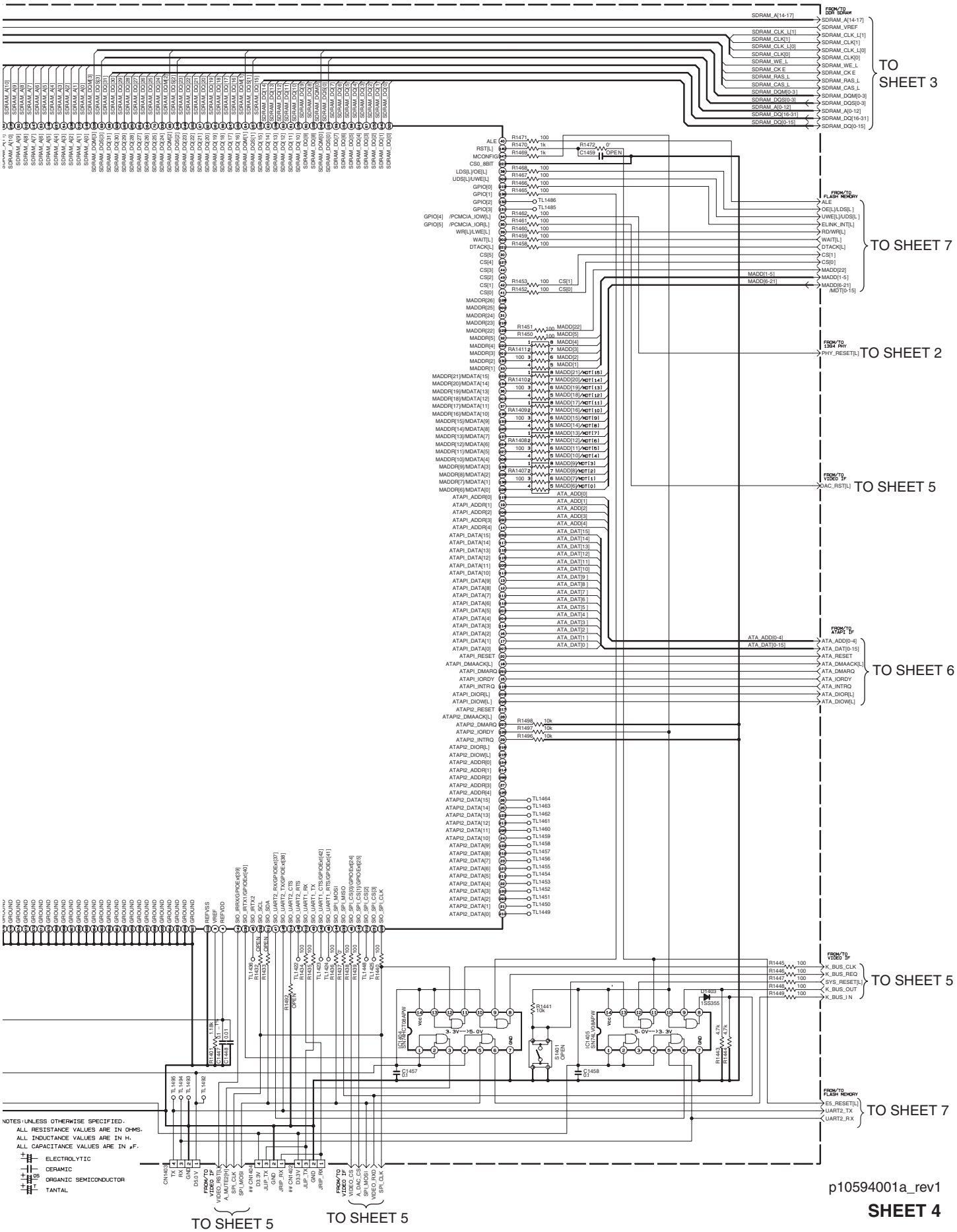
ELECTROLYTIC
CERAMIC
ORGANIC SEMICONDUCTOR
TANTAL

p10595001a_rev0

**SHEET 3**

## ■ Media processor section

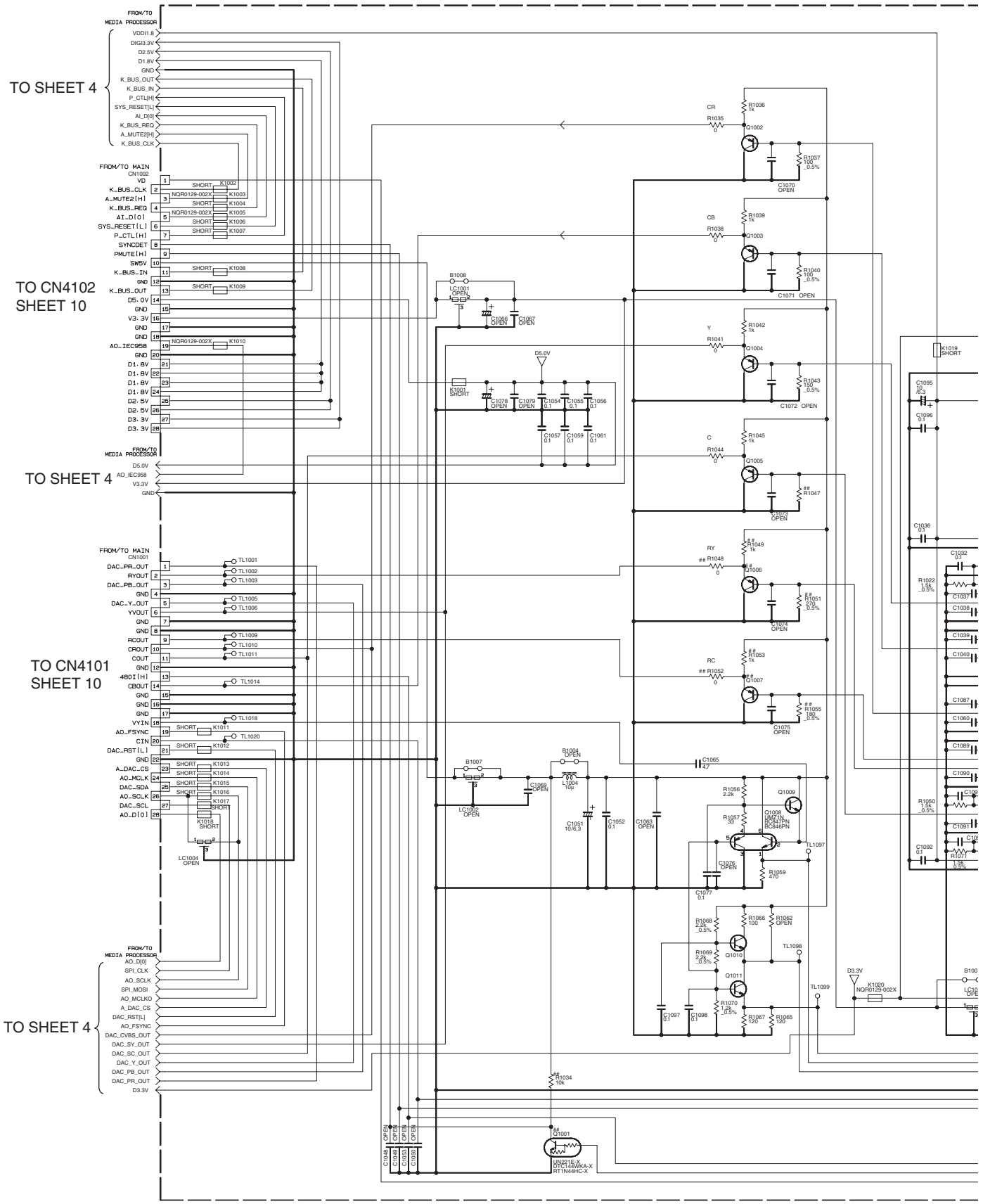





p10594001a_rev1

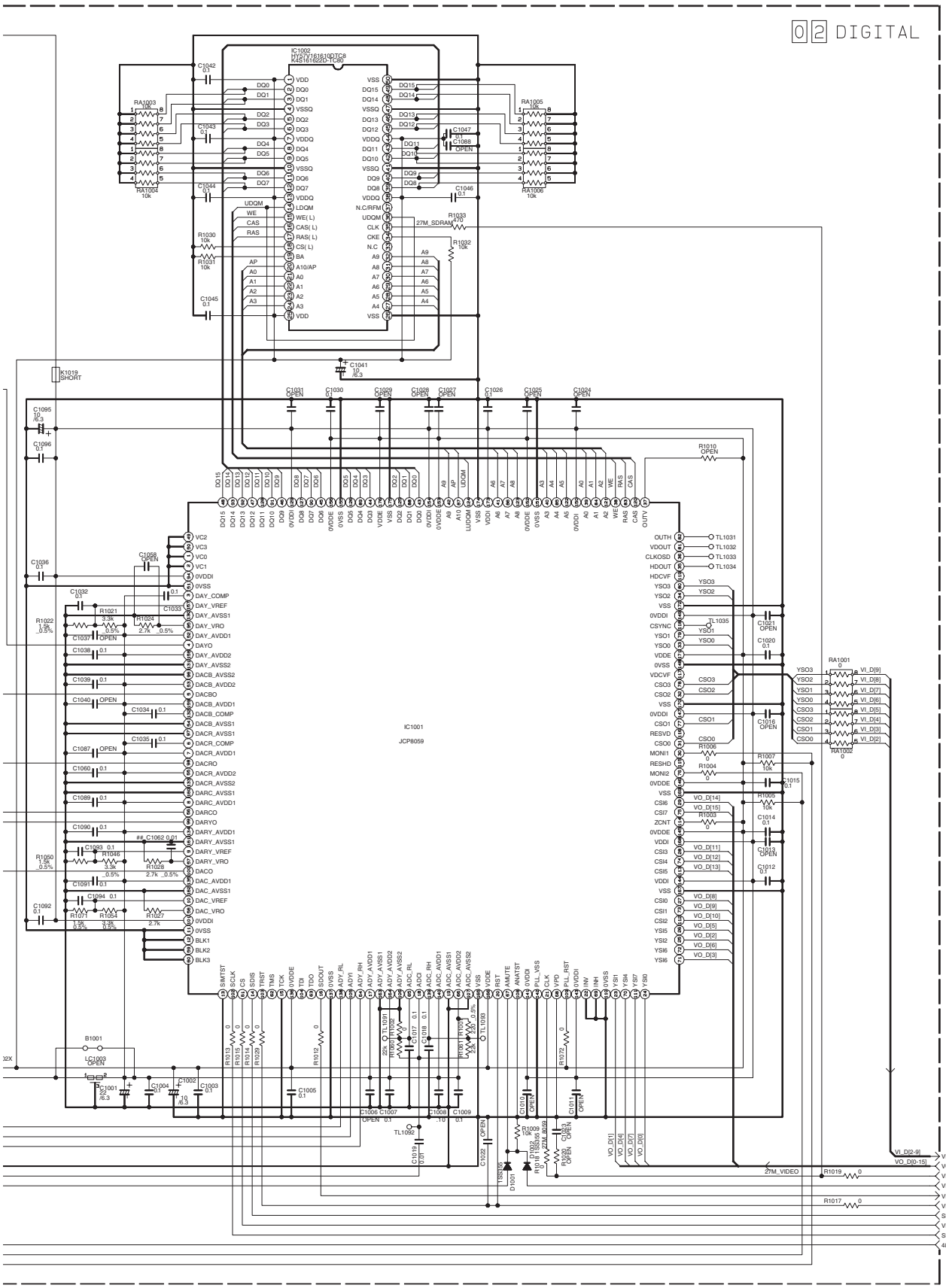
**SHEET 4**

## ■ Video signal controller section




## MARK

| | Q1001, R1034 | R1047 | R1048, R1049, R1051, R1052, R1053, R1055, C1062, Q1006, Q1007 |
|---|---|---|---|
| US | O | 220±0.5% | X |
| JPN | O | 220±0.5% | X |
| PAL | X | 200±0.5% | O |




NOTES: UNLESS OTHERWISE SPECIFIED.
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN μF.

ELECTROLYTIC
CERAMIC
ORGANIC SEMICONDUCTOR
TANTAL

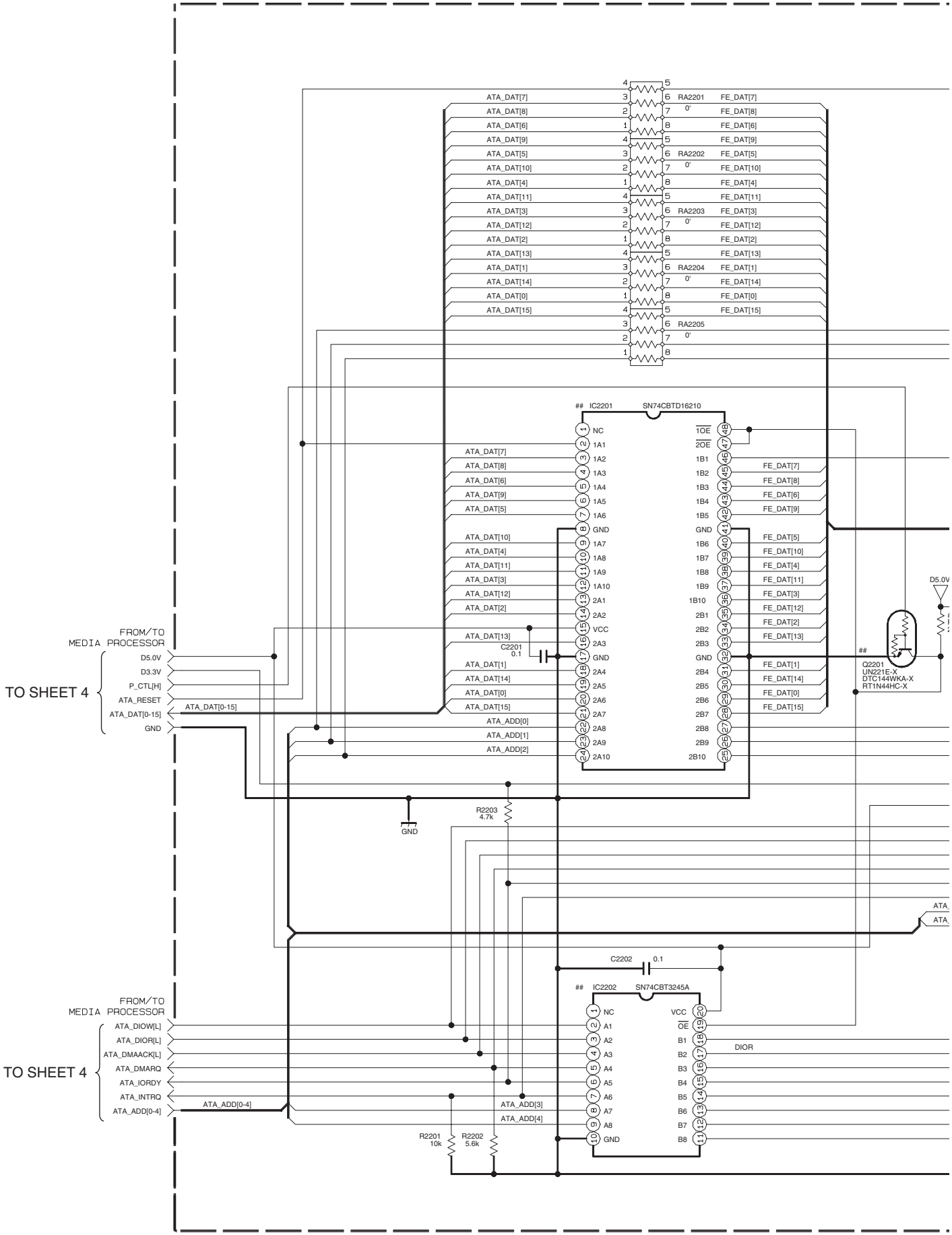
ALL NPN TYPE TRANSISTORS ARE 2SC2412K/QRS/-X or 2SC3928A/QRS/-X or 2SD601A/QRS/-X

ALL PNP TYPE TRANSISTORS ARE 2SA1037AK/QR/-X or 2SA1530A/QR/-X or 2SB709A/QR/-X

10593001a_rev0

**SHEET 5**

## ■ ATAPI Interface section



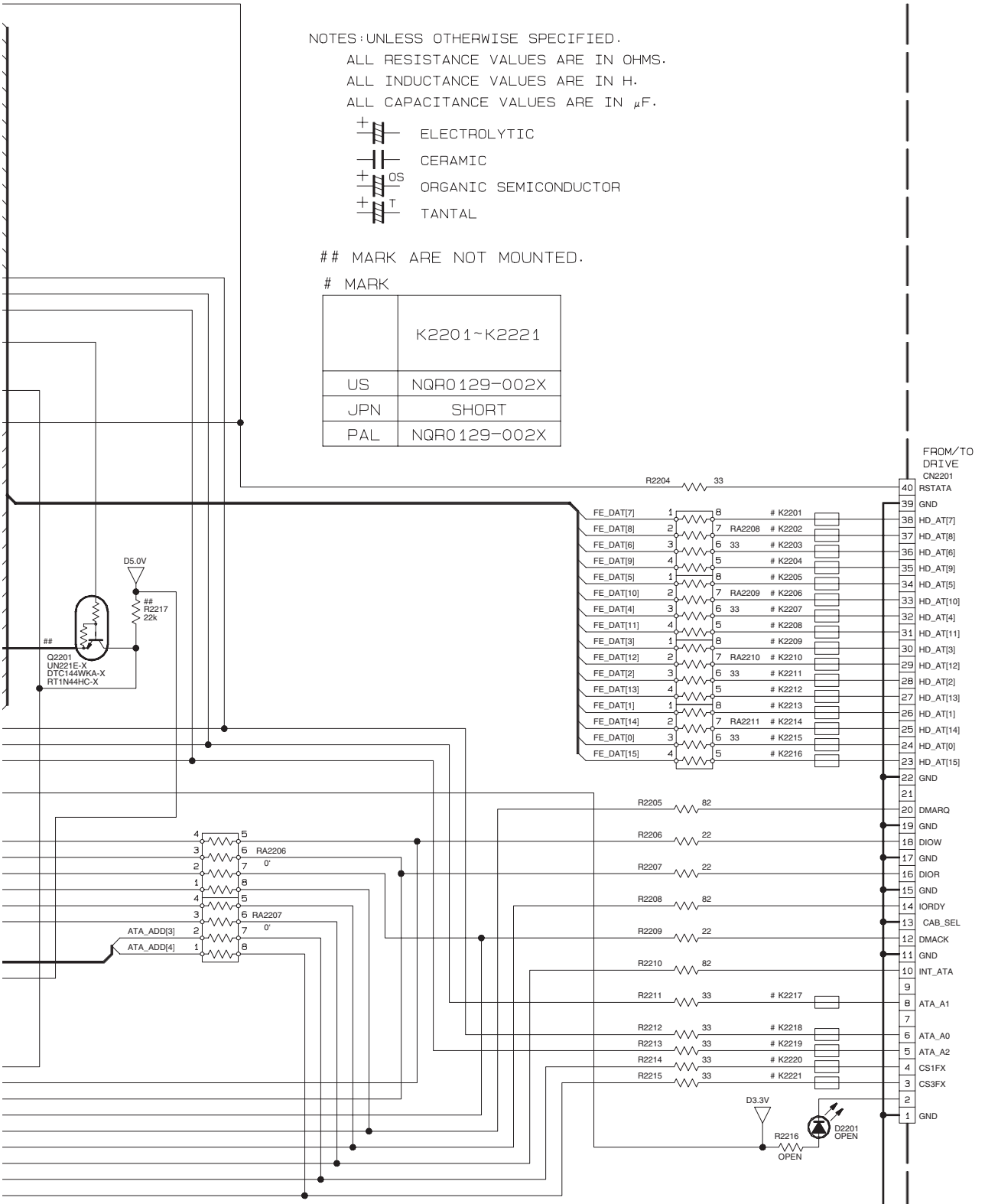
NOTES : UNLESS OTHERWISE SPECIFIED.
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN μF.

ELECTROLYTIC
CERAMIC
OS ORGANIC SEMICONDUCTOR
T TANTAL

## MARK ARE NOT MOUNTED.

# MARK

| | K2201~K2221 |
|---|---|
| US | NQR0129-002X |
| JPN | SHORT |
| PAL | NQR0129-002X |

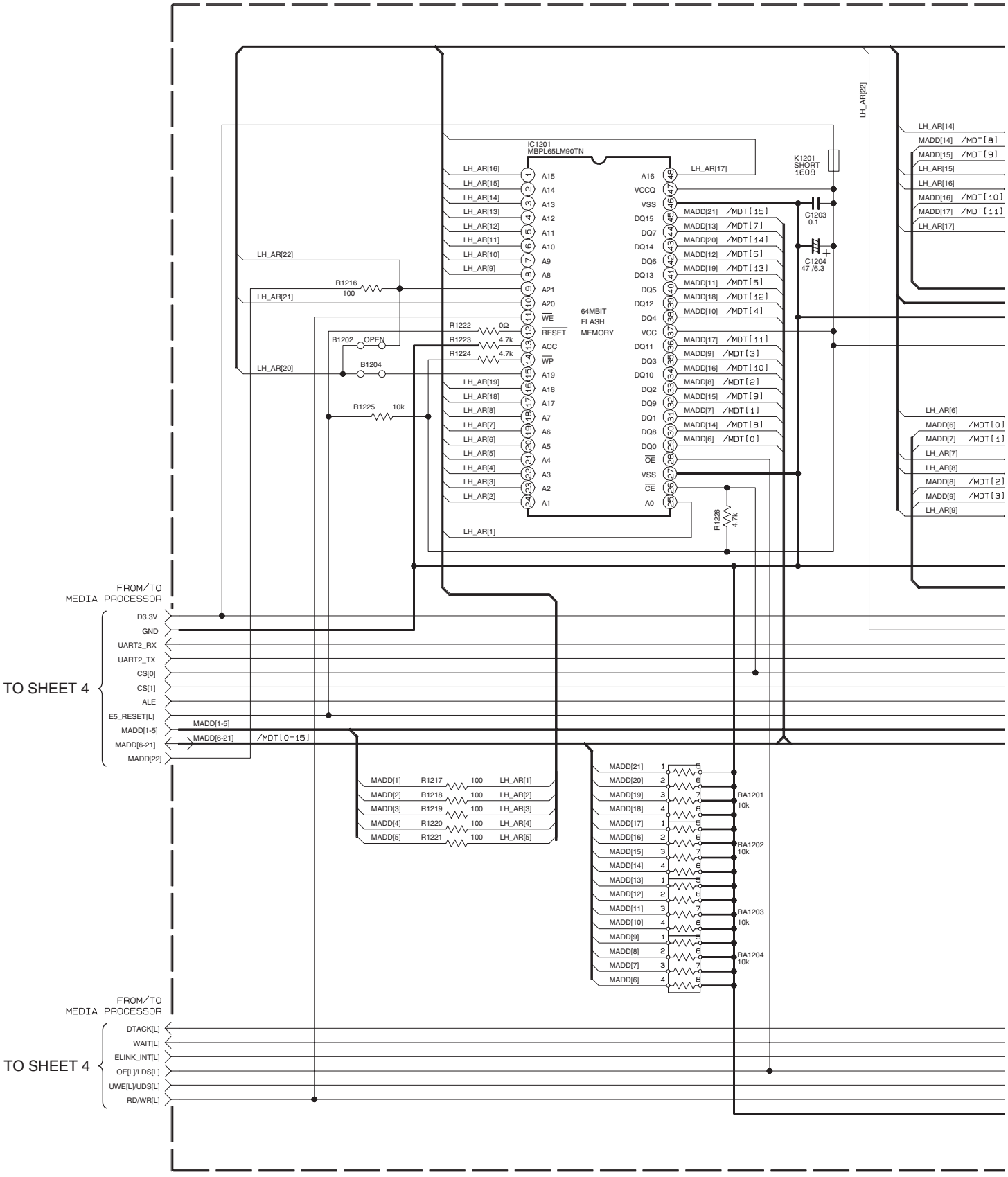


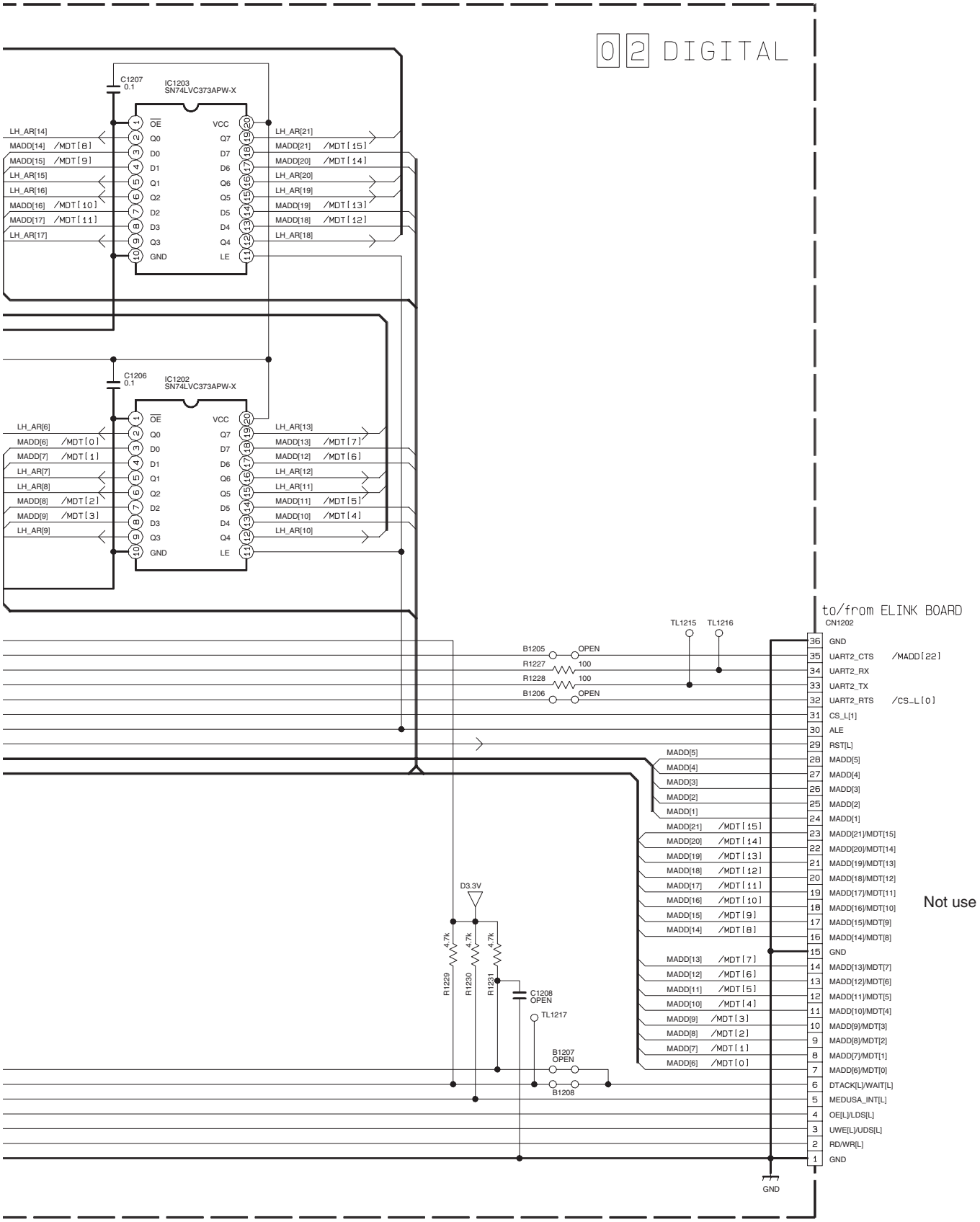

TO DVD-RAM DRIVE

p20403001a_rev1

**SHEET 6**

## ■ FLASH-ROM section





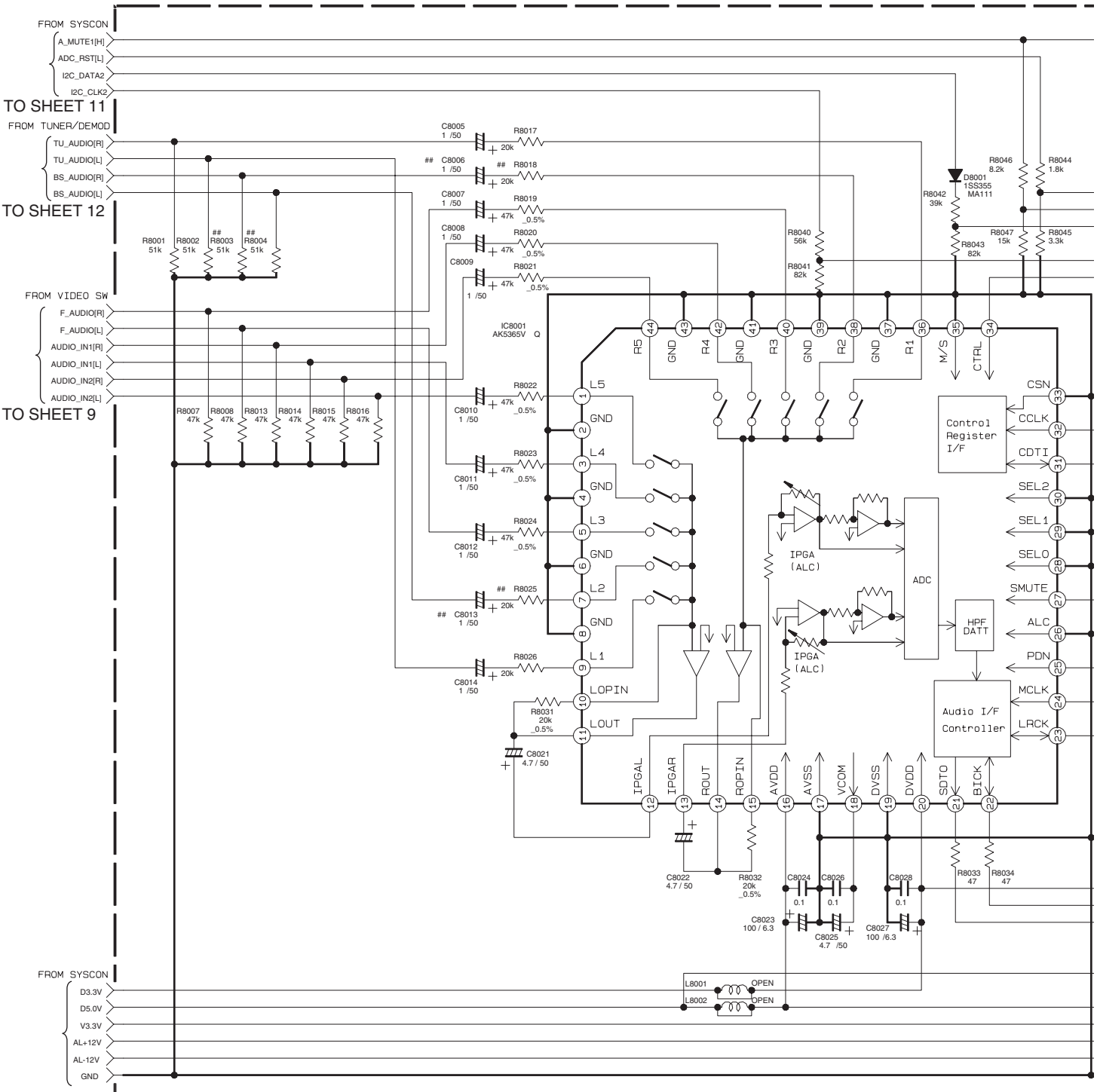

NOTES:UNLESS OTHERWISE SPECIFIED.
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN μF.

ELECTROLYTIC
CERAMIC
ORGANIC SEMICONDUCTOR
TANTAL

p20402001a_rev0

**SHEET 7**

## ■ Audio signal control section

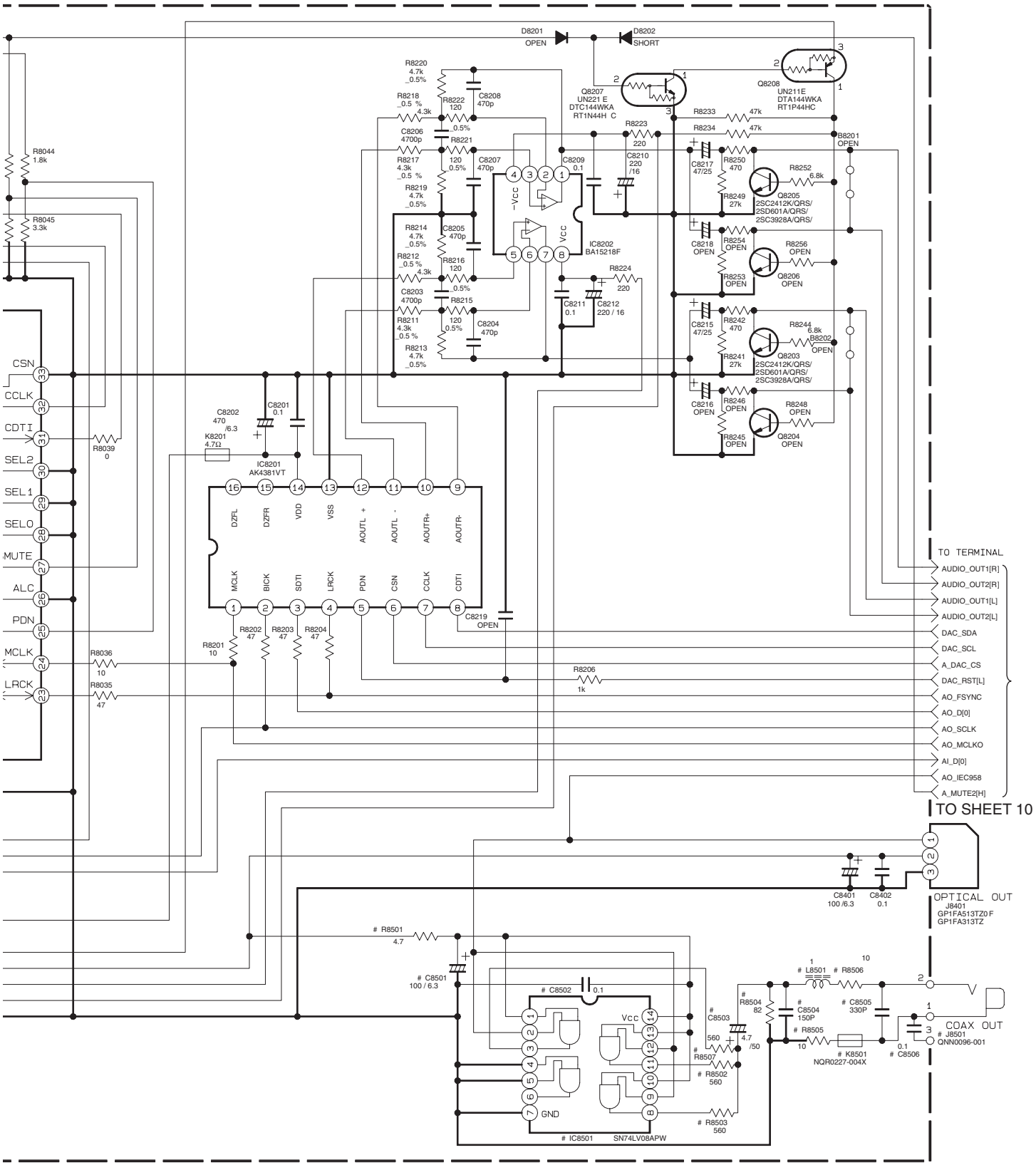



0 3 MAIN(AUDIO)

NOTES:THE PARTS OF # MARK ARE USED FOR THE MODEL WITH COAX OUT.
NOTES:THE PRATS OF ## MARK ARE USED FOR THE MODEL WITH BS TUNER.
NOTES:UNLESS OTHERWISE SPECIFIED.
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN μF.

ELECTROLYTIC
CERAMIC
MYLER
NON POLAR

| | LAST NO | | | | |
|---|---|---|---|---|---|
| R | 8047 | 8256 | — | 8507 | 8005- |
| C | 8028 | 8219 | 8402 | 8506 | 8001- |
| D | 8001 | 8202 | — | — | |
| Q | — | 8208 | — | — | 8201- |
| L | 8002 | — | — | 8501 | |
| IC | 8001 | 8202 | — | 8501 | |
| K | — | 8201 | — | 8501 | |
| B | — | 8202 | — | — | |
| J | — | — | 8401 | 8501 | |

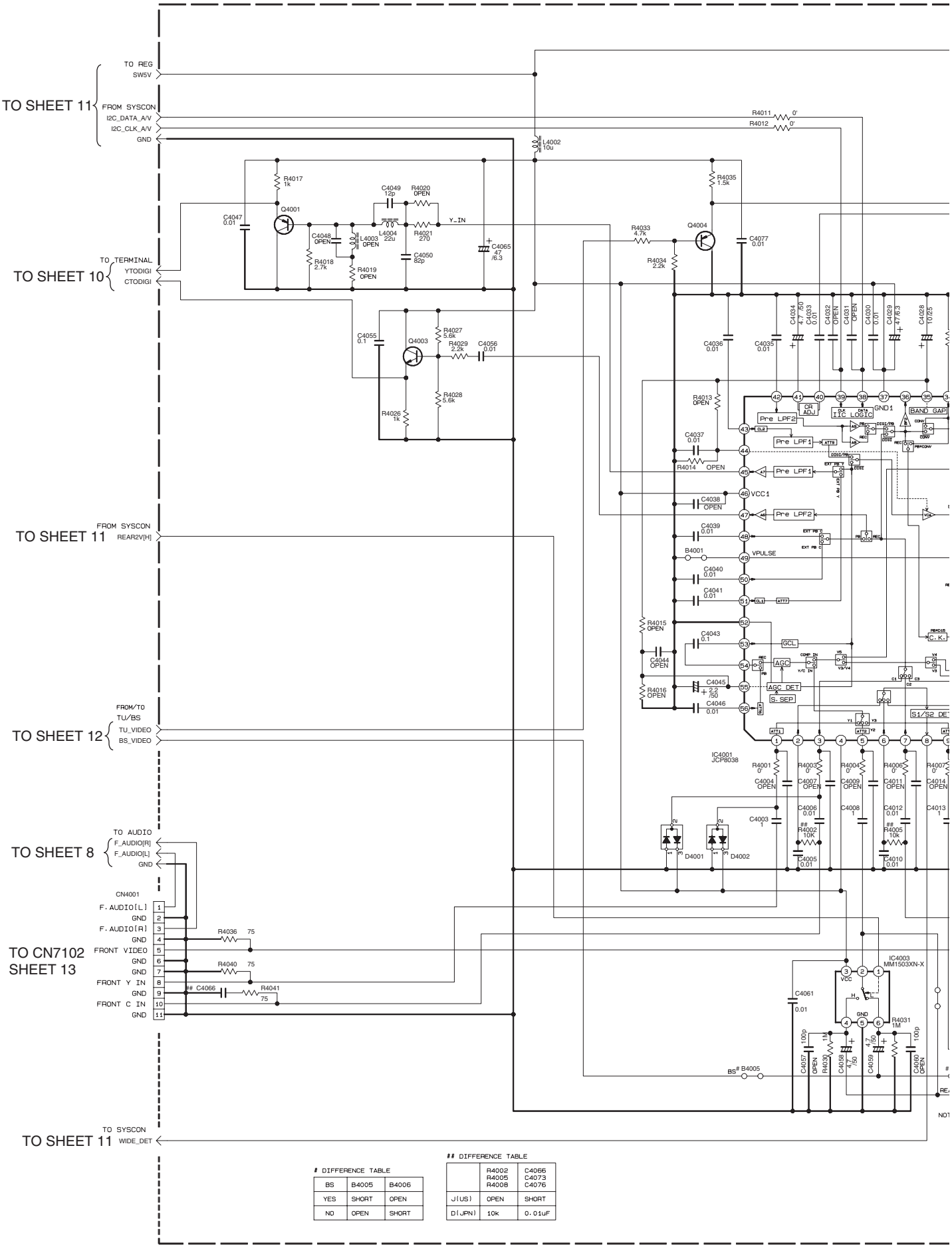



| NO | | VACANT NO | |
|---|---|---|---|
| — | 8507 | 8005, 8006, 8009–8012, 8027–8030, 8037, 8038 | 8205, 8207–8210, 8225–8232, 8235–8240, 8243, 8247, 8251, 8255 |
| 102 | 8506 | 8001–8004, 8015–8020 | 8213, 8214 |
| — | — | | |
| — | — | 8201, 8202 | |
| — | 8501 | | |
| — | 8501 | | |
| — | 8501 | | |
| — | — | | |
| 101 | 8501 | | |

p20395001a_rev0

**SHEET 8**

## ■ Audio/Video signal input control section

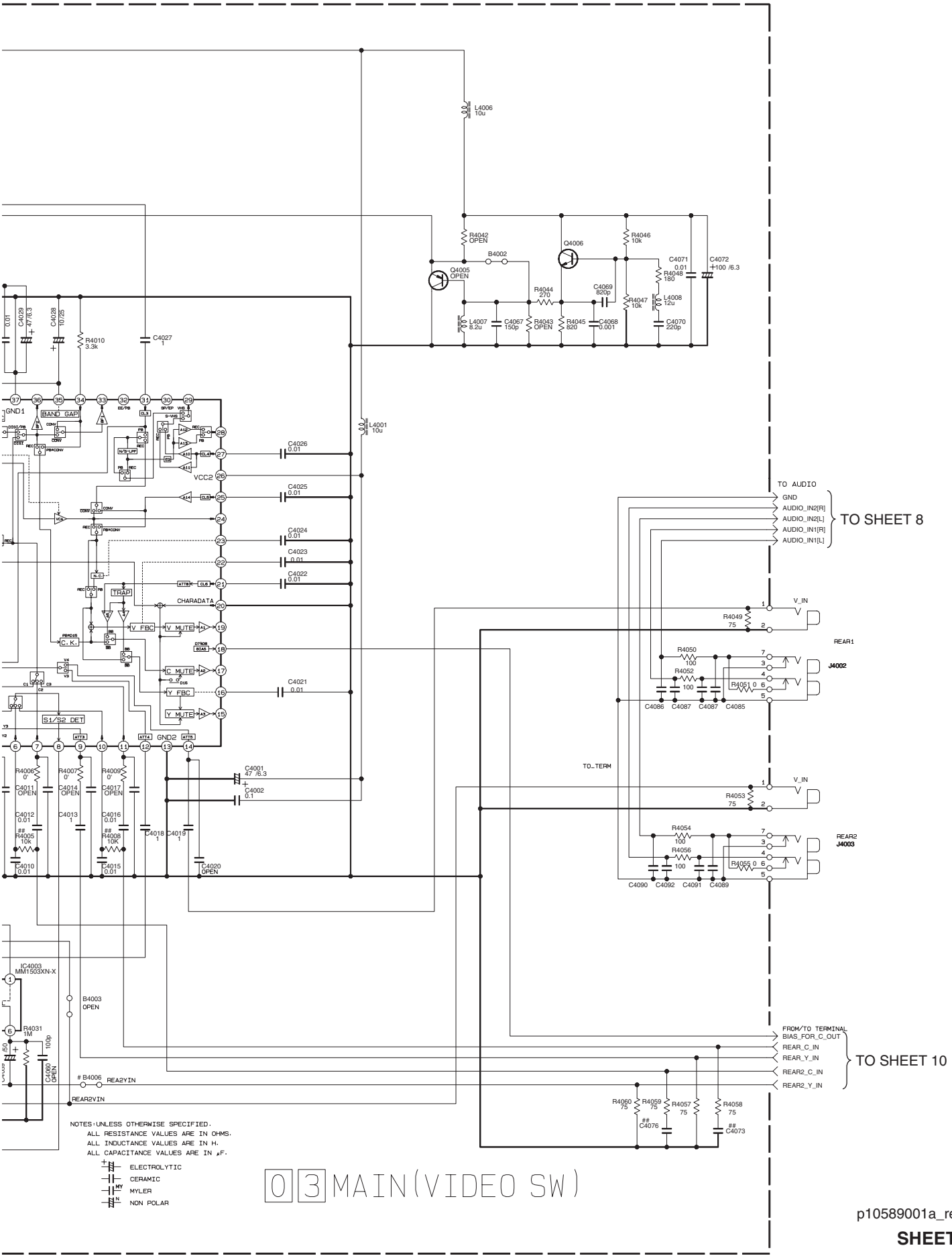



# DIFFERENCE TABLE

| BS | B4005 | B4006 |
|---|---|---|
| YES | SHORT | OPEN |
| NO | OPEN | SHORT |

## DIFFERENCE TABLE

| | R4002 R4005 R4008 | C4066 C4073 C4076 |
|---|---|---|
| J(US) | OPEN | SHORT |
| D(JPN) | 10k | 0.01uF |

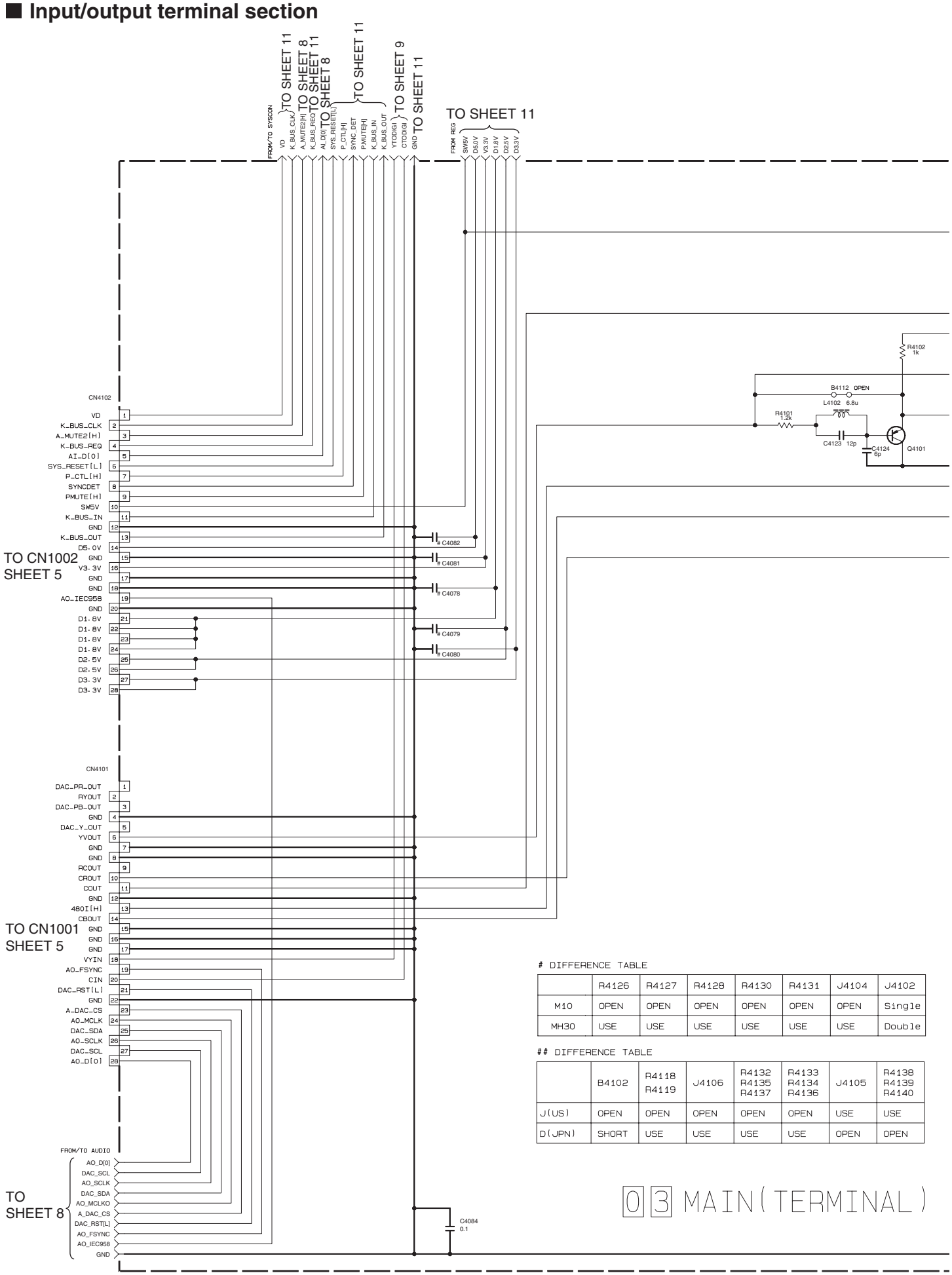



# 03 MAIN(VIDEO SW)

p10589001a_rev0

**SHEET 9**

## ■ Input/output terminal section



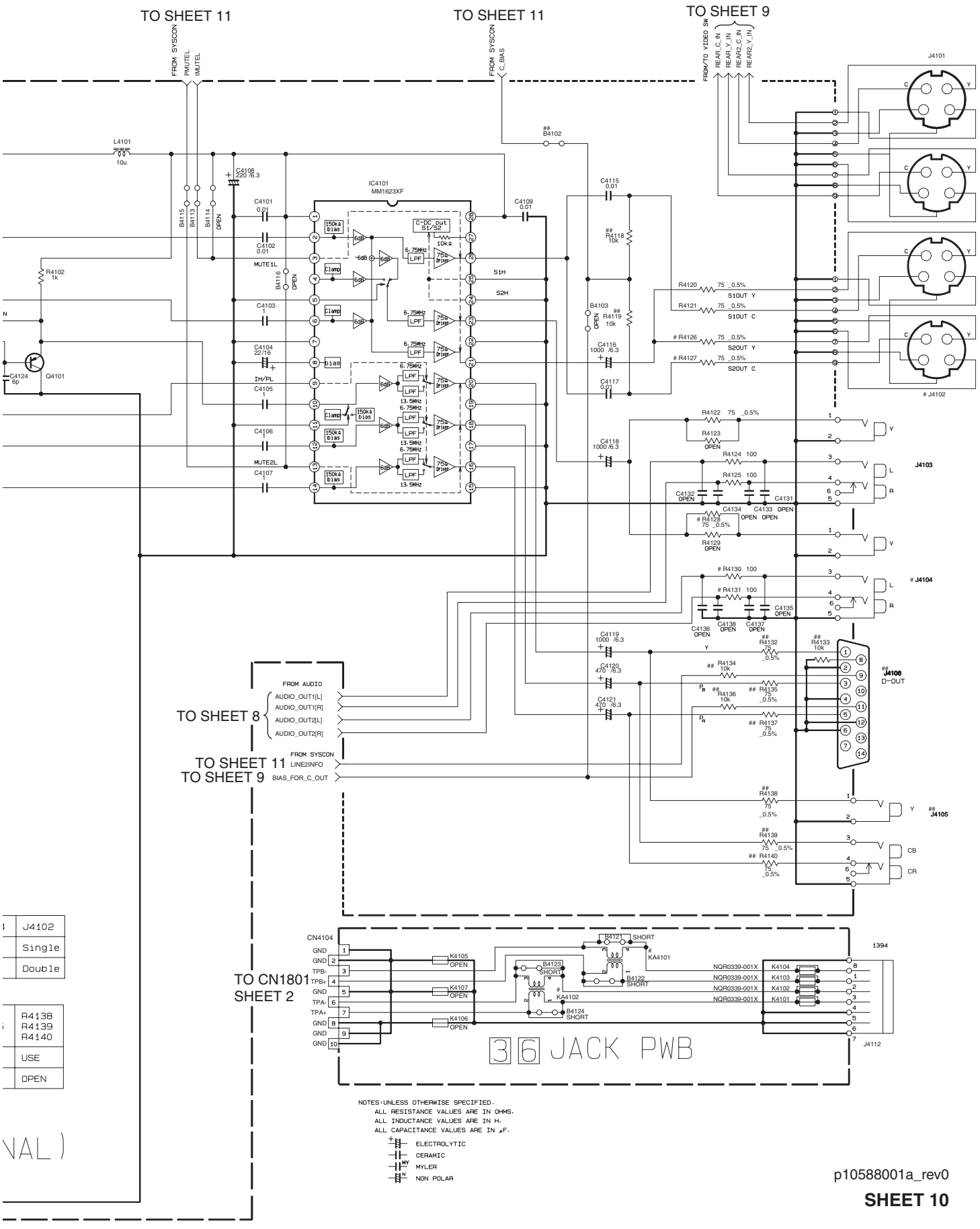

# DIFFERENCE TABLE

| | R4126 | R4127 | R4128 | R4130 | R4131 | J4104 | J4102 |
|---|---|---|---|---|---|---|---|
| M10 | OPEN | OPEN | OPEN | OPEN | OPEN | OPEN | Single |
| MH30 | USE | USE | USE | USE | USE | USE | Double |

## DIFFERENCE TABLE

| | B4102 | R4118<br>R4119 | J4106 | R4132<br>R4135<br>R4137 | R4133<br>R4134<br>R4136 | J4105 | R4138<br>R4139<br>R4140 |
|---|---|---|---|---|---|---|---|
| J(US) | OPEN | OPEN | OPEN | OPEN | OPEN | USE | USE |
| D(JPN) | SHORT | USE | USE | USE | USE | OPEN | OPEN |

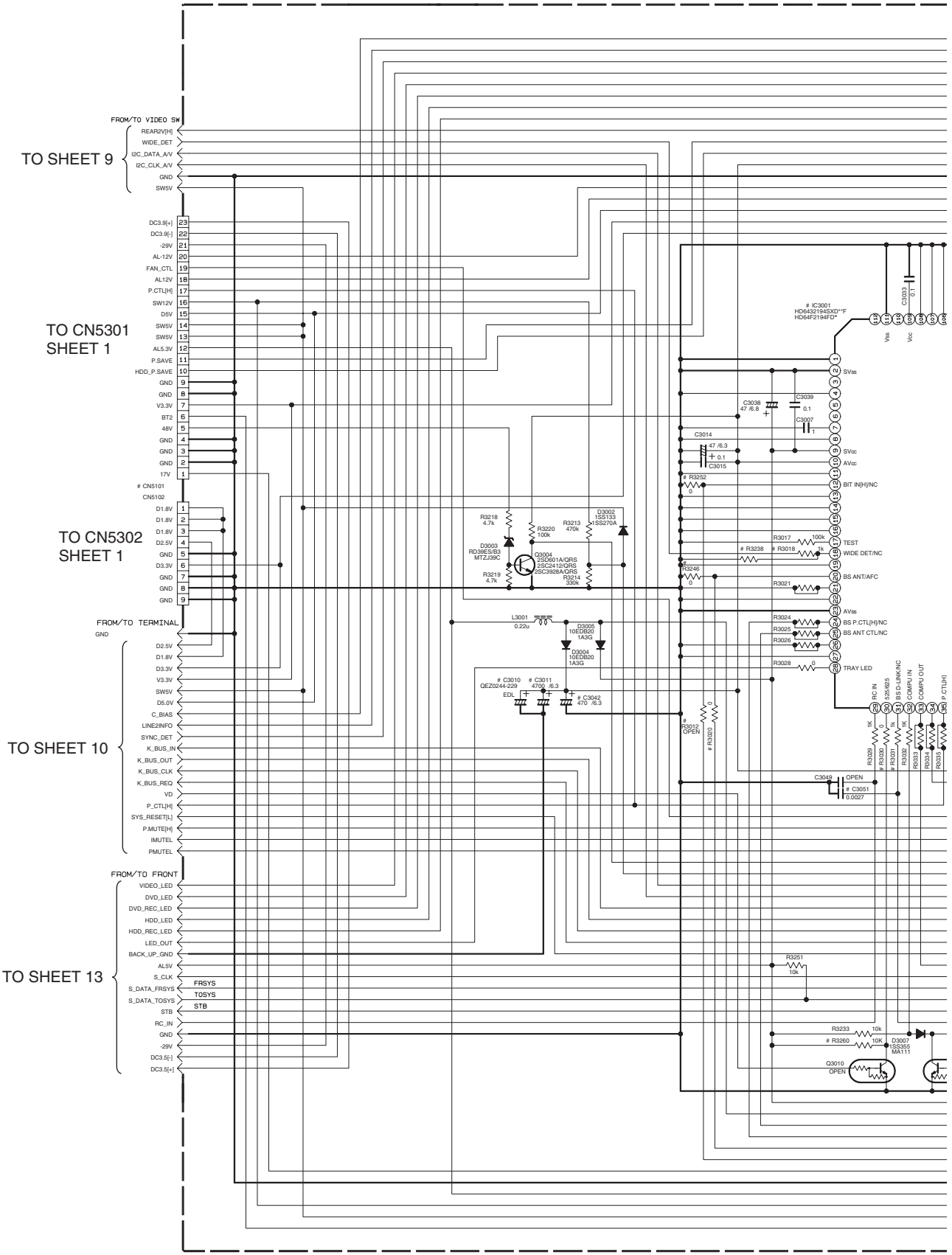
03 MAIN(TERMINAL)




p10588001a_rev0

**SHEET 10**

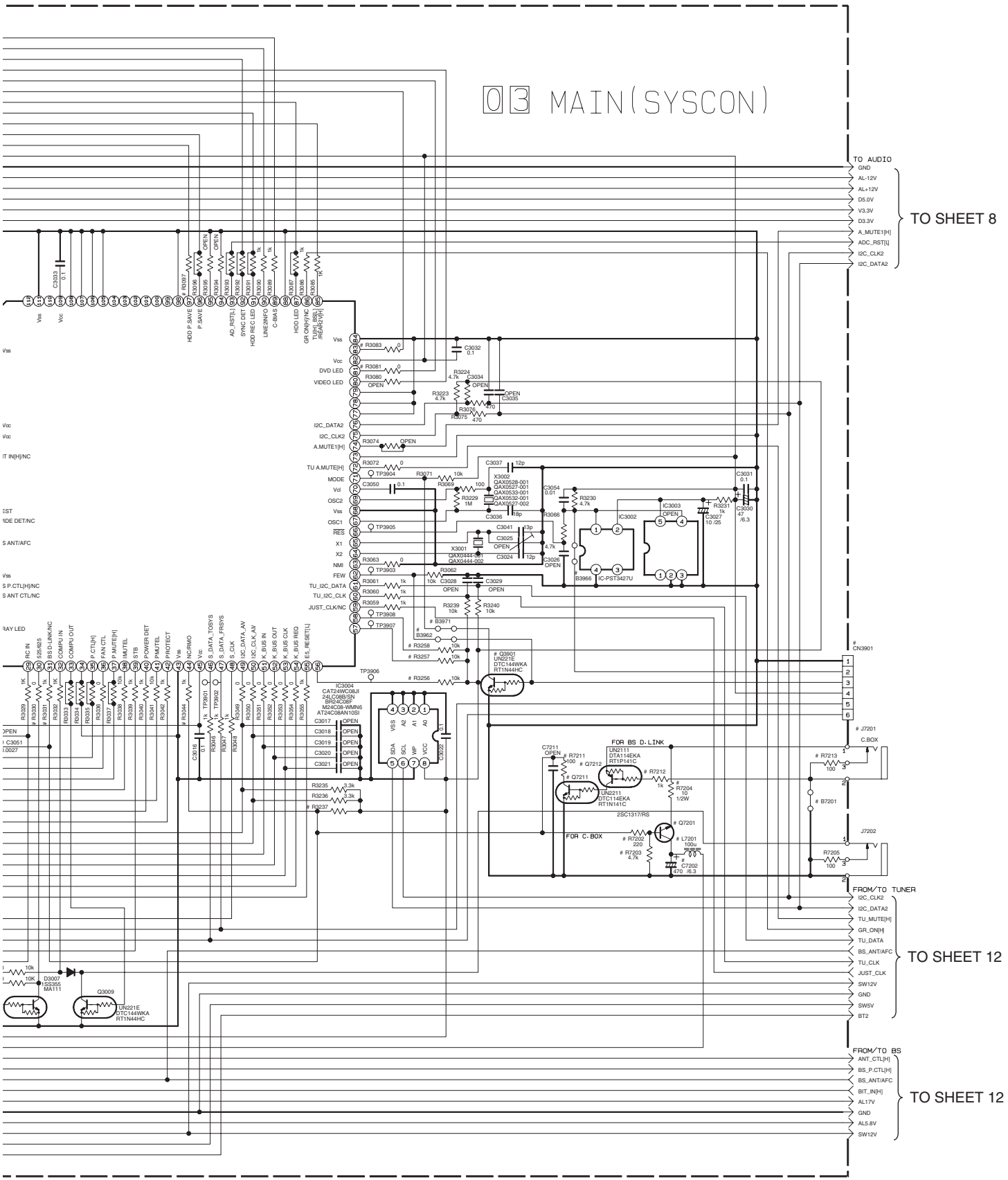
## ■ System controller section




# DIFFERENCE TABLE

| SYMBOL / MODEL | CPU IC3001 | BS R3012 | BS R3252 | BS R3230 R3238 | BS or WIDE DET R3218 R3240 | VD R3220 R3260 | BS D LINK. R3031, C3051 R7211, R7213 R7211, R7610 | C.BOX CTL. R3044, R3237 R7202, R7204 L7201, R7201 | HDD R3081 R3083 R3097 | GR R3086 | BACK UP C3010 C3045 | C3011 | R3256, R3258 R3901, R3902 R3960, R3971 CN3901 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M10SUS/SUC | 43 | × | ○ | ○ | × | ○ | × | ○ | × | × | ○ | × | USE FOR FLASH CPU |
| M10JP | 76 | × | ○ | × | ○ | × | ○ | × | × | × | ○ | × | USE FOR FLASH CPU |
| MH30SUS/SUC MH30SUS/SUC | 79 | × | ○ | ○ | × | × | × | ○ | ○ | × | ○ | × | USE FOR FLASH CPU |
| MH20JP | 78 | × | ○ | × | ○ | × | ○ | × | ○ | × | ○ | × | USE FOR FLASH CPU |
| MH30JP | 78 | × | ○ | × | ○ | × | ○ | × | ○ | ○ | ○ | × | USE FOR FLASH CPU |

NOTE




| | LAST NO | | VACANT NO | |
|---|---|---|---|---|
| R | 3260 | 7213 | 3001-3011-3013-3016-3019-3022-3023-3027-3043-3045-3056-3058-3064-3065-3067-3068-3070-3073-3077-3079-3082-3084-3088-3098-3212-3215-3217-3221-3222-3225-3228-3230-3234-3241-3245-3247-3250-3253-3255-3259 | 7201-7206-7210 |
| C | 3054 | 7211 | 3001-3006-3008-3009-3012-3013-3023-3040-3043-3045-3052-3053 | 7201-7203-7210 |
| D | 3007 | | 3001-3006 | |
| Q | 3901 | 7212 | 3001-3003-3005-3008-3011-3900 | 7202-7210 |
| L | 3001 | 7201 | | |
| IC | 3004 | | | |
| X | 3002 | | | |

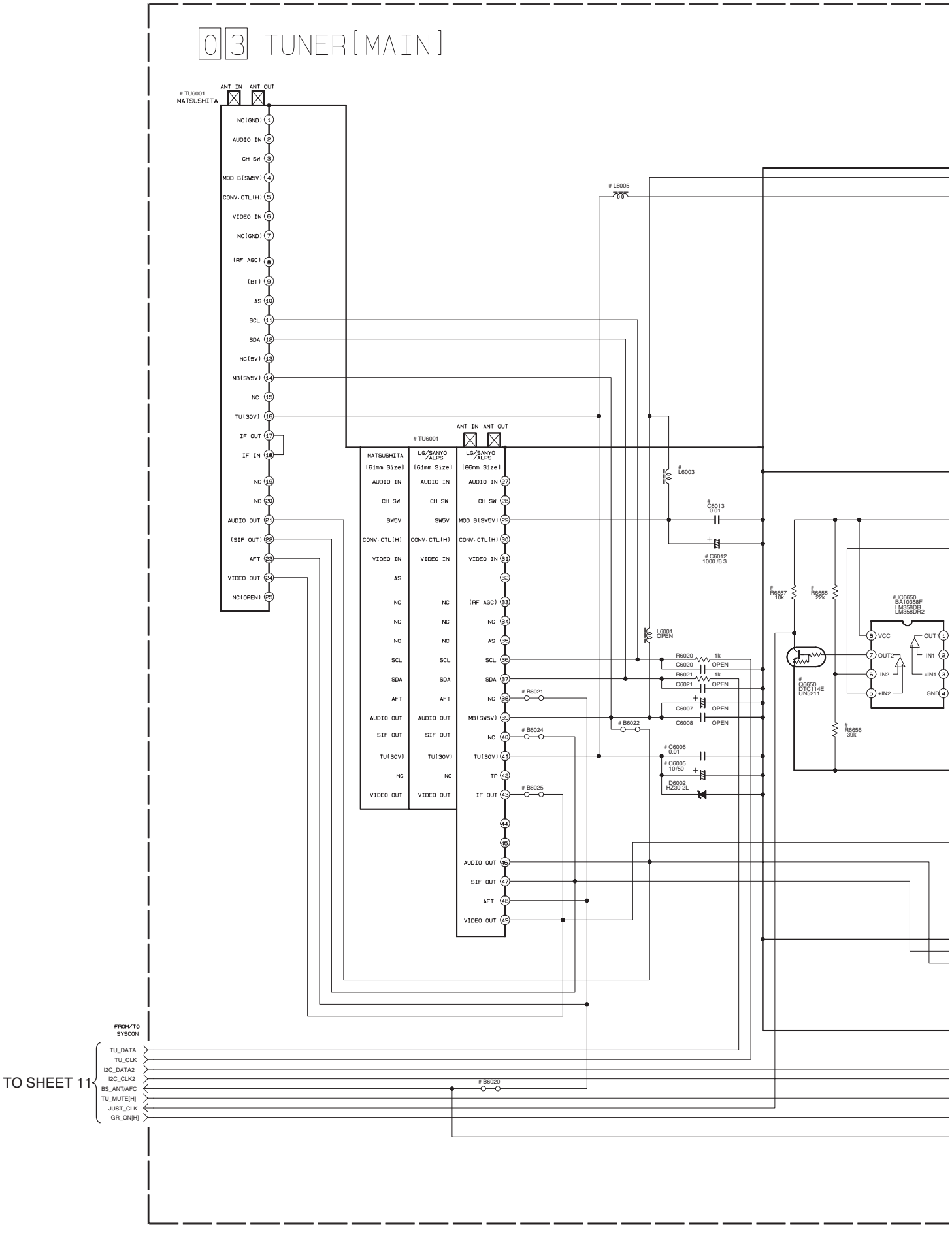
NOTES:UNLESS OTHERWISE SPECIFIED.
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN μF.

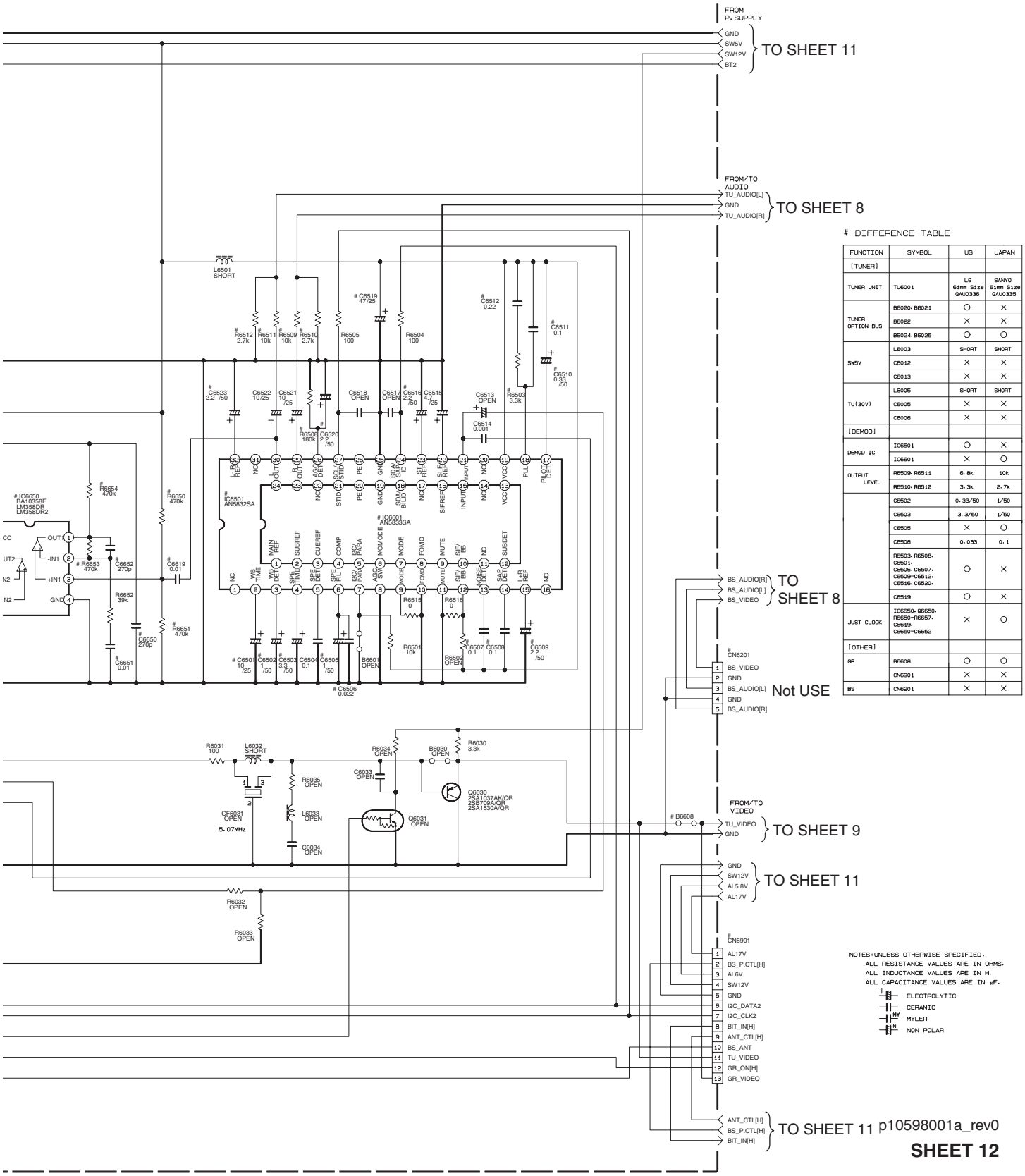
ELECTROLYTIC
CERAMIC
MYLER
NON POLAR

p10597001a_rev0

**SHEET 11**

## ■ Tuner section






# DIFFERENCE TABLE

| FUNCTION | SYMBOL | US | JAPAN |
|---|---|---|---|
| [TUNER] | | | |
| TUNER UNIT | TU6001 | LG 61mm Size GAU0336 | SANYO 61mm Size GAU0335 |
| TUNER OPTION BUS | B6020, B6021 | ○ | × |
| | B6022 | × | × |
| | B6024, B6025 | ○ | ○ |
| SW5V | L6003 | SHORT | SHORT |
| | C6012 | × | × |
| | C6013 | × | × |
| TU(30V) | L6005 | SHORT | SHORT |
| | C6005 | × | × |
| | C6006 | × | × |
| [DEMOD] | | | |
| DEMOD IC | IC6501 | ○ | × |
| | IC6601 | × | ○ |
| OUTPUT LEVEL | R6509, R6511 | 6.8k | 10k |
| | R6510, R6512 | 3.3k | 2.7k |
| | C6502 | 0.33/50 | 1/50 |
| | C6503 | 3.3/50 | 1/50 |
| | C6505 | × | ○ |
| | C6508 | 0.033 | 0.1 |
| | R6503, R6508, C6501, C6506, C6507, C6509, C6512, C6516, C6520, | ○ | × |
| | C6519 | ○ | × |
| JUST CLOCK | IC6650, Q6650, R6650, R6657, C6619, C6650, C6652 | × | ○ |
| [OTHER] | | | |
| GR | B6608 | ○ | ○ |
| | CN6901 | × | × |
| BS | CN6201 | × | × |

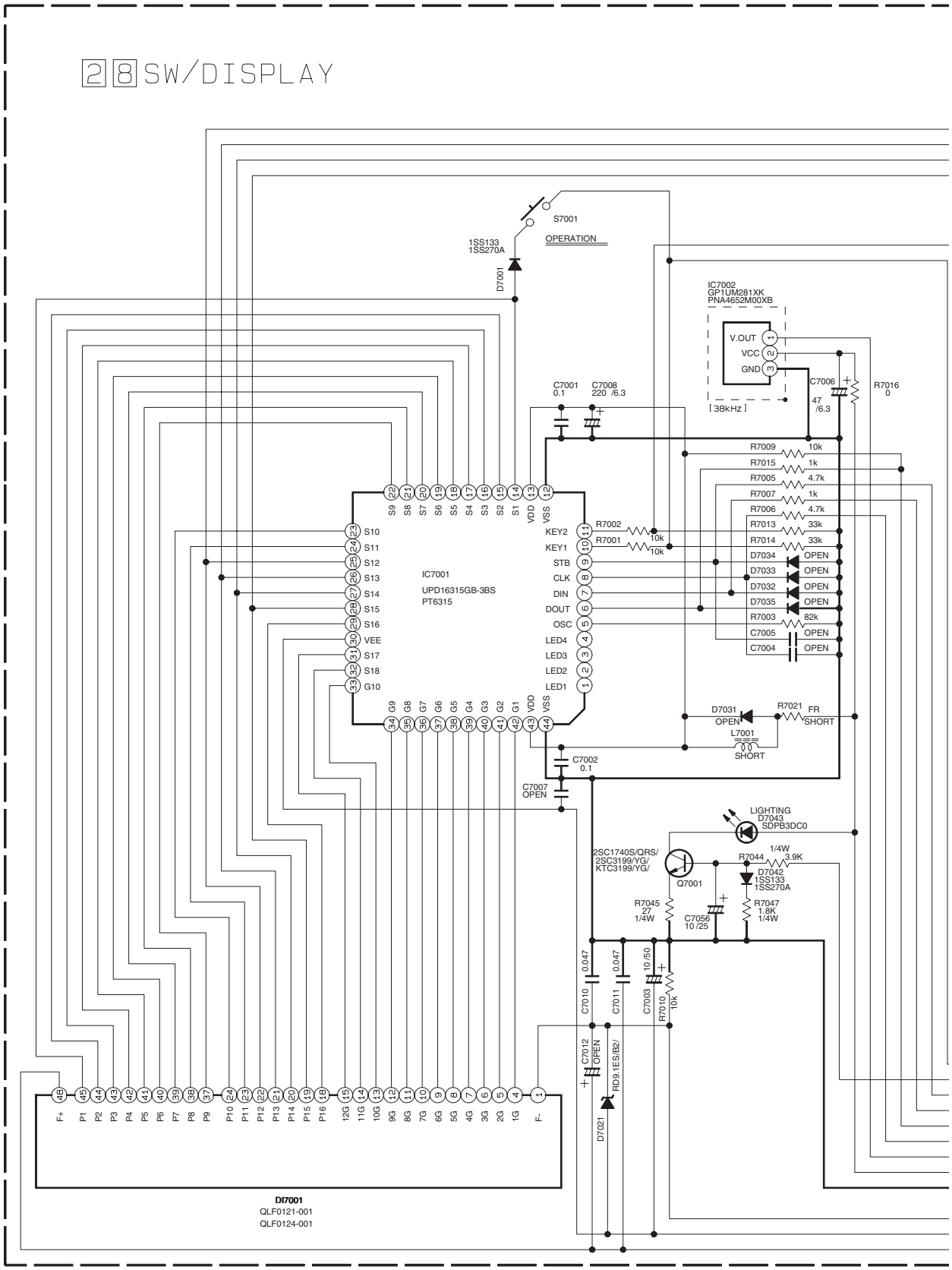
NOTES: UNLESS OTHERWISE SPECIFIED.
ALL RESISTANCE VALUES ARE IN OHMS.
ALL INDUCTANCE VALUES ARE IN H.
ALL CAPACITANCE VALUES ARE IN μF.

ELECTROLYTIC
CERAMIC
MY MYLER
N NON POLAR

p10598001a_rev0

**SHEET 12**

## ■ FL Display and operation switch section

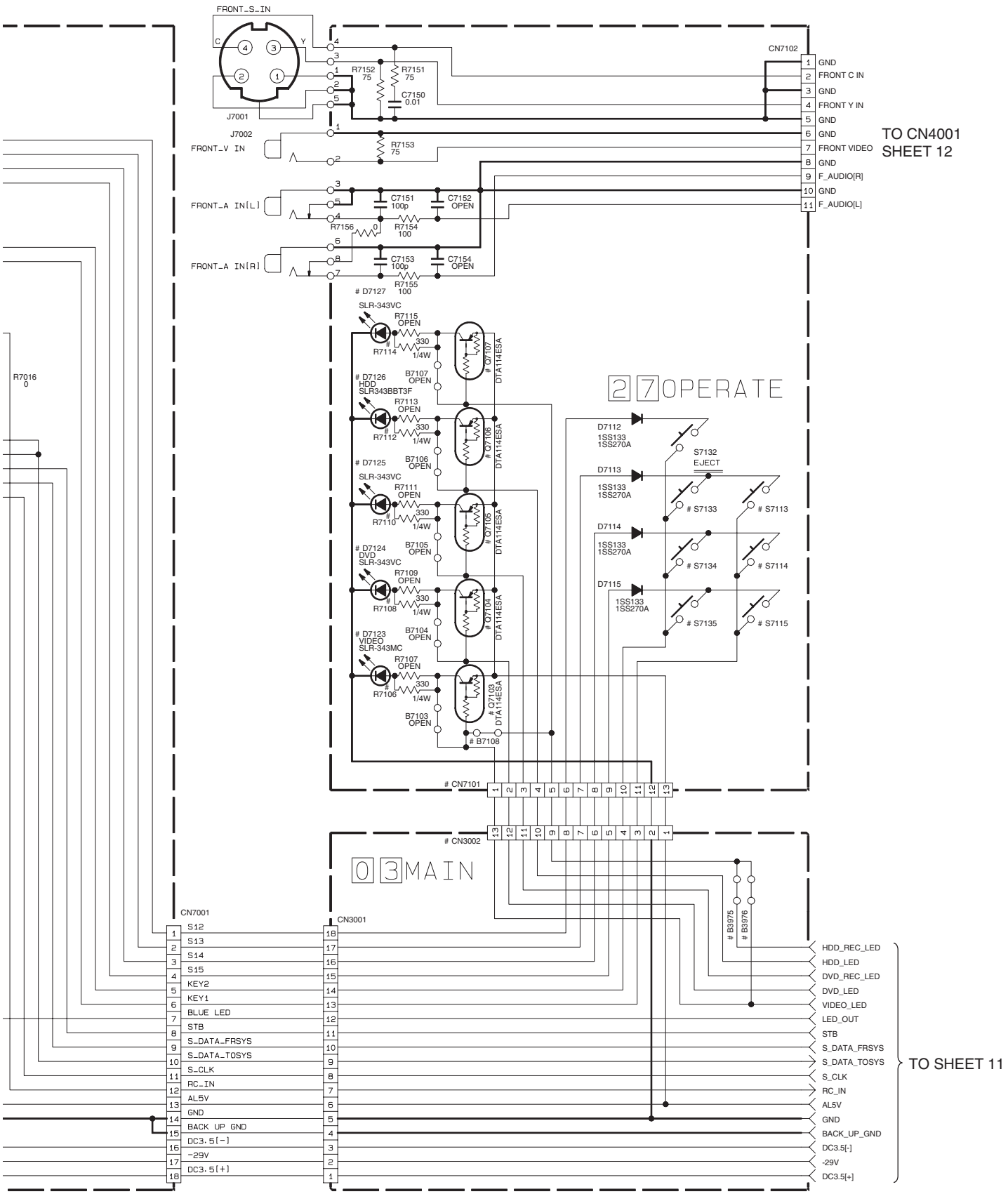



\# DIFFERENCE TABLE

| | S7113 | S7114 | S7115 | S7133 | S7134 | S7135 | D7123, R7106 Q7103, B7108 B3976 | D7124-D7127, R7108 R7110, R7112, R7114 Q7104-Q7107, B3975 | CN7101 | CN3002 |
|---|---|---|---|---|---|---|---|---|---|---|
| M10 | REC | REC MODE | PAUSE | × | STOP | PLAY | × | × | 9PIN(5-13) | 9PIN(1-9) |
| MH20/MH30 | DVD | HDD | REC | STOP | PLAY | PAUSE | × | ○ | 13PIN | 13PIN |

NOTES:UNLESS OTHERWISE SPECI
ALL RESISTANCE VALUES AR
ALL INDUCTANCE VALUES AR
ALL CAPACITANCE VALUES A

ELECTROLYTIC
CERAMIC
MY MYLER
N NON POLAR




OTHERWISE SPECIFIED.
ISTANCE VALUES ARE IN OHMS.
ICTANCE VALUES ARE IN H.
ICITANCE VALUES ARE IN μF.

ELECTROLYTIC
CERAMIC
MYLER
NON POLAR

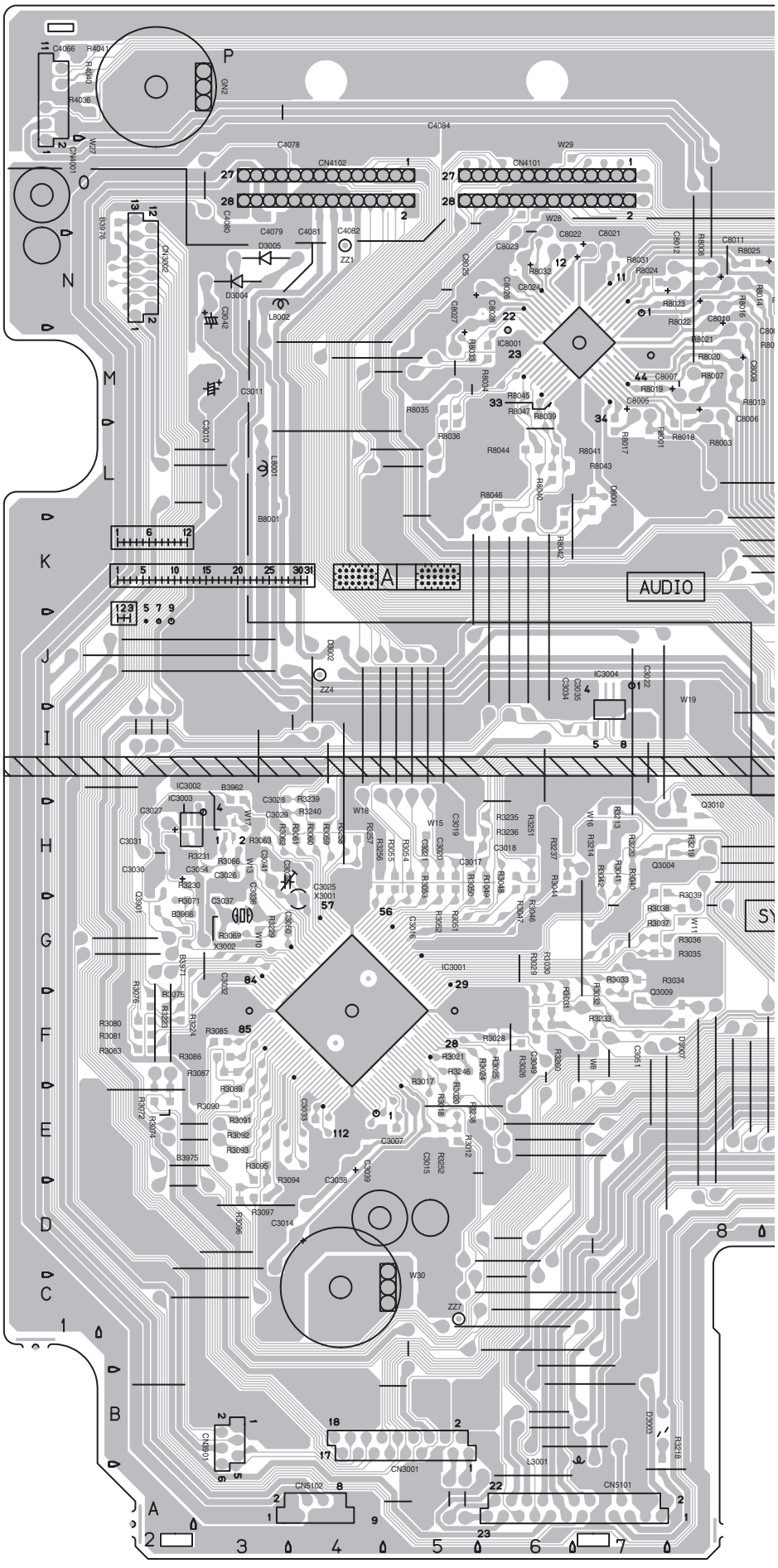
| | LAST No. | | VACANT No. | |
|---|---|---|---|---|
| R | 7047 | 7156 | 7004, 7008, 7011, 7012, 7017~7020, 7022~7043, 7046 | 7101~7105, 7116~7150 |
| C | 7056 | 7154 | 7009, 7013~7055 | 7101~7149 |
| D | 7043 | 7127 | 7002~7020, 7022~7030, 7036~7041 | 7101~7111, 7116~7122 |
| Q | 7001 | 7107 | | 7101, 7102 |
| L | 7001 | | | |
| IC | 7002 | | | |
| DI | 7001 | | | |
| S | 7001 | 7135 | | 7101~7112, 7116~7131 |
| CN | 7001 | 7102 | | |

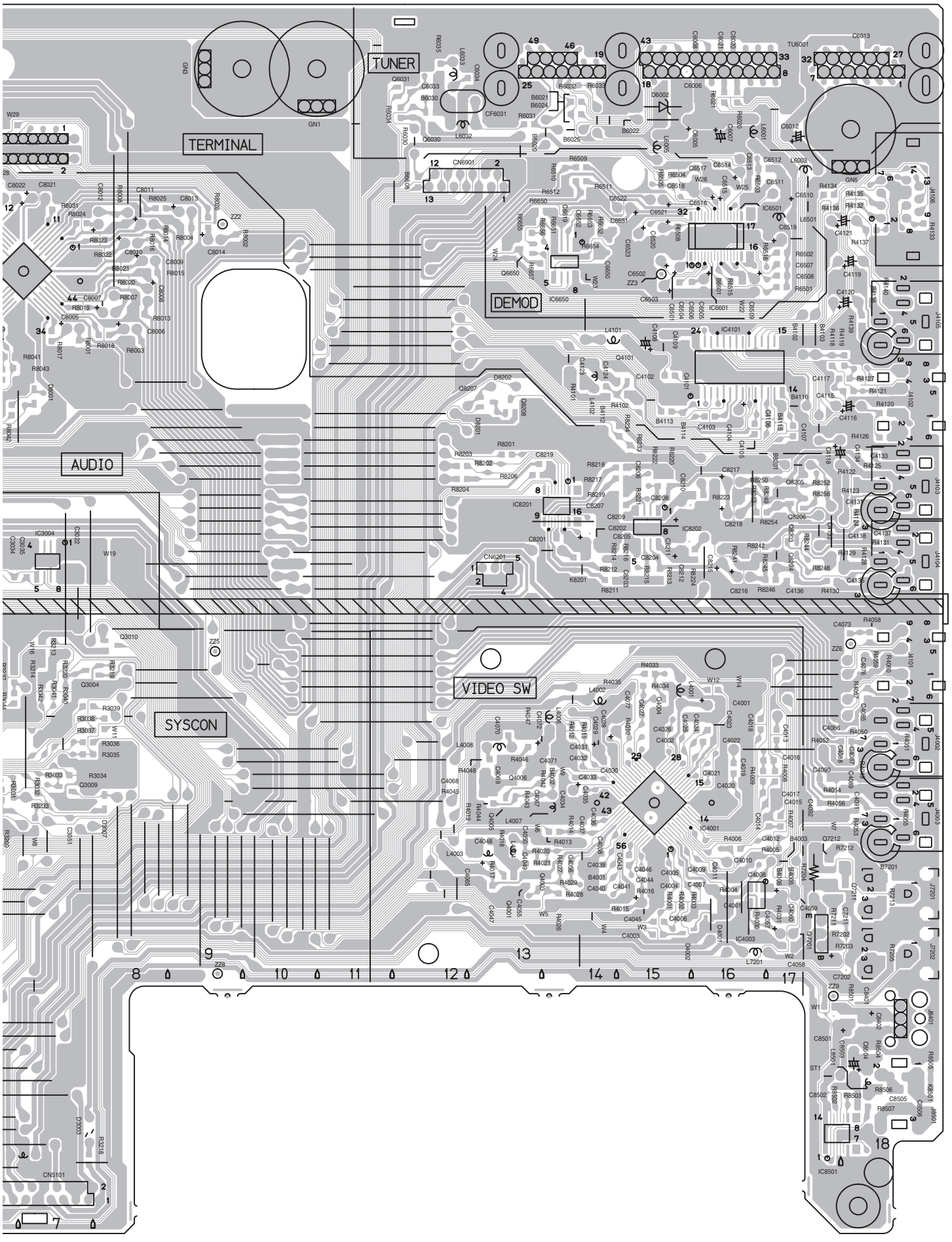
p20404001a_rev0

**SHEET 13**

# Printed circuit boards

■ **Main board** <03> LPB10230-001C

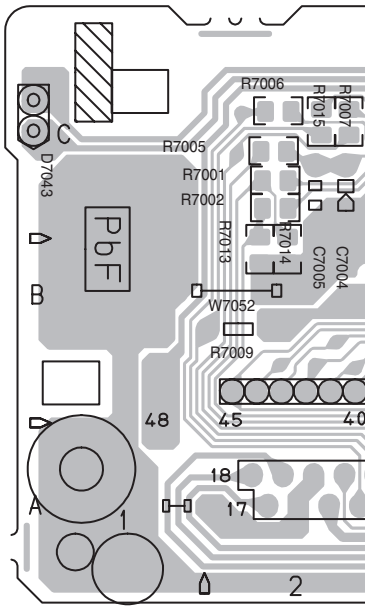



TUNER
TERMINAL
DEMOD
AUDIO
VIDEO SW
SYSCON

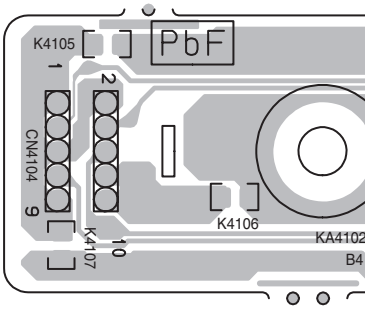
## COMPONENT PARTS LOCATION GUIDE <MAIN> LPB10230-001C

| REF.NO. | LOCATION |
|---|---|
| **CAPACITOR** | |
| C3007 | B C 5E |
| C3010 | A D 3M |
| C3011 | A D 3M |
| C3014 | A D 4D |
| C3015 | B C 5E |
| C3016 | B C 5G |
| C3017 | B C 5H |
| C3018 | B C 5H |
| C3019 | B C 5H |
| C3020 | B C 5H |
| C3021 | B C 5H |
| C3022 | B C 7I |
| C3024 | B C 3H |
| C3025 | A D 3H |
| C3026 | B C 3H |
| C3027 | A D 2H |
| C3028 | B C 3I |
| C3029 | B C 3H |
| C3030 | A D 2H |
| C3031 | B C 2H |
| C3032 | B C 3G |
| C3033 | B C 4E |
| C3034 | B C 6I |
| C3035 | B C 7I |
| C3036 | B C 3H |
| C3037 | B C 3G |
| C3038 | A D 4E |
| C3039 | B C 4E |
| C3041 | B C 3H |
| C3042 | A D 3N |
| C3049 | B C 6F |
| C3050 | B C 4G |
| C3051 | B C 7F |
| C3054 | B C 3H |
| C4001 | A D 16H |
| C4002 | B C 15G |
| C4003 | B C 15D |
| C4004 | B C 15E |
| C4005 | B C 15E |
| C4006 | B C 15E |
| C4007 | B C 16E |
| C4008 | B C 16E |
| C4009 | B C 16E |
| C4010 | B C 16E |
| C4011 | B C 16E |
| C4012 | B C 17F |
| C4013 | B C 17G |
| C4014 | B C 17F |
| C4015 | B C 17F |
| C4016 | B C 17G |
| C4017 | B C 17F |
| C4018 | B C 16G |
| C4019 | B C 16G |
| C4020 | B C 16F |
| C4021 | B C 16G |
| C4022 | B C 16G |
| C4023 | B C 16G |
| C4024 | B C 16G |
| C4025 | B C 15G |
| C4026 | B C 15G |
| C4027 | B C 15G |
| C4028 | A D 14G |
| C4029 | A D 14G |
| C4030 | B C 14G |
| C4031 | B C 14G |
| C4032 | B C 14G |
| C4033 | B C 14G |
| C4034 | A D 14F |
| C4035 | B C 14F |
| C4036 | B C 14F |
| C4037 | B C 14F |
| C4038 | B C 14F |
| C4039 | B C 14E |
| C4040 | B C 14E |
| C4041 | B C 15E |
| C4043 | B C 15E |
| C4044 | B C 15E |
| C4045 | A D 15E |
| C4046 | B C 15E |
| C4047 | B C 13E |
| C4048 | B C 13F |
| C4049 | B C 13F |
| C4050 | B C 13F |
| C4055 | B C 13E |
| C4056 | B C 14E |
| C4057 | B C 17E |
| C4058 | A D 17E |
| C4059 | A D 17E |
| C4060 | B C 17E |
| C4061 | B C 16E |
| C4065 | A D 13E |
| C4066 | B C 1P |
| C4067 | B C 13F |
| C4068 | B C 13G |
| C4069 | B C 13G |
| C4070 | B C 13G |
| C4071 | B C 14G |
| C4072 | A D 14G |
| C4073 | B C 18I |
| C4076 | B C 18H |
| C4077 | B C 15H |
| C4078 | B C 4O |
| C4079 | B C 3O |
| C4080 | B C 3O |
| C4081 | B C 4O |
| C4082 | B C 4O |
| C4084 | B C 5O |
| C4085 | B C 18G |
| C4086 | B C 17G |
| C4087 | B C 18G |
| C4088 | B C 18G |
| C4089 | B C 18G |
| C4090 | B C 17G |
| C4091 | B C 18F |
| C4092 | B C 17F |
| C4101 | B C 15L |
| C4102 | B C 15I |
| C4103 | B C 16K |
| C4104 | A D 16K |
| C4105 | B C 16K |
| C4106 | B C 17K |
| C4107 | B C 17K |
| C4108 | A D 15L |
| C4109 | B C 15L |
| C4115 | B C 18L |
| C4116 | A D 17L |
| C4117 | B C 18L |
| C4118 | A D 17K |
| C4119 | A D 17M |
| C4120 | A D 17M |
| C4121 | A D 17N |
| C4123 | B C 14L |
| C4124 | B C 14L |
| C4131 | B C 18J |
| C4132 | B C 17J |
| C4133 | B C 18K |
| C4134 | B C 18K |
| C4135 | B C 18I |
| C4136 | B C 17I |
| C4137 | B C 18J |
| C4138 | B C 18J |
| C6005 | A D 15O |
| C6006 | B C 15P |
| C6007 | A D 16O |
| C6008 | B C 16P |
| C6012 | A D 17O |
| C6013 | B C 18P |
| C6020 | B C 16P |
| C6021 | B C 16P |
| C6033 | B C 12P |
| C6034 | B C 13P |
| C6501 | A D 15M |
| C6502 | A D 15M |
| C6503 | A D 15M |
| C6504 | B C 15M |
| C6505 | A D 16M |
| C6506 | B C 16M |
| C6507 | B C 17M |
| C6508 | B C 17M |
| C6509 | A D 16M |
| C6510 | A D 17N |
| C6511 | B C 17O |
| C6512 | B C 16O |
| C6513 | A D 16O |
| C6514 | B C 16O |
| C6515 | A D 16N |
| C6516 | A D 16N |
| C6517 | B C 16O |
| C6518 | B C 15N |
| C6519 | A D 17N |
| C6520 | A D 15N |
| C6521 | A D 15N |
| C6522 | A D 15N |
| C6523 | A D 15N |
| C6619 | B C 14N |
| C6650 | B C 14M |
| C6651 | B C 15N |
| C6652 | B C 14N |
| C7001 | A D 10B |
| C7002 | A D 12C |
| C7003 | A D 12A |
| C7004 | A D 10C |
| C7005 | A D 10C |
| C7006 | A D 16C |
| C7007 | A D 13B |
| C7008 | A D 10B |
| C7010 | A D 12A |
| C7011 | A D 12A |
| C7012 | A D 13A |
| C7056 | A D 14C |
| C7150 | B C 21M |
| C7151 | B C 21K |
| C7152 | B C 21K |
| C7153 | B C 21J |
| C7154 | B C 21J |
| C7202 | A D 17D |
| C7211 | B C 18E |
| C8005 | A D 7M |
| C8006 | A D 8M |
| C8007 | A D 8M |
| C8008 | A D 8M |
| C8009 | A D 8M |
| C8010 | A D 8N |
| C8011 | A D 8N |
| C8012 | A D 8N |
| C8013 | A D 9N |
| C8014 | A D 9N |
| C8021 | A D 7N |
| C8022 | A D 6N |
| C8023 | A D 6N |
| C8024 | B C 6N |
| C8025 | A D 6N |
| C8026 | B C 6N |
| C8027 | A D 5N |
| C8028 | B C 6N |
| C8201 | B C 14J |
| C8202 | A D 14J |
| C8203 | B C 15I |
| C8204 | B C 15J |
| C8205 | B C 15J |
| C8206 | B C 15K |
| C8207 | B C 15J |
| C8208 | B C 15J |
| C8209 | B C 15J |
| C8210 | A D 15J |
| C8211 | B C 15J |
| C8212 | A D 15J |
| C8215 | A D 16I |
| C8216 | A D 16I |
| C8217 | A D 16K |
| C8218 | A D 16J |
| C8219 | B C 14K |
| C8401 | A D 18C |
| C8402 | B C 18C |
| C8501 | A D 17C |
| C8502 | B C 17B |
| C8503 | A D 18C |
| C8504 | B C 18C |
| C8505 | B C 18B |
| C8506 | B C 19B |
| CF6031 | A D 13P |
| **CONNECTOR** | |
| CN3001 | A D 5B |
| CN3002 | A D 2N |
| CN3901 | A D 3B |
| CN4001 | A D 1O |
| CN4101 | A D 7O |
| CN4102 | A D 5O |
| CN4104 | A D 21C |
| CN5101 | A D 7A |
| CN5102 | A D 3A |
| CN6201 | A D 13I |
| CN6901 | A D 13N |
| CN7001 | A D 11A |
| CN7101 | A D 21N |
| CN7102 | A D 22I |
| **DIODE** | |
| D3002 | A D 4J |
| D3003 | A D 7B |
| D3004 | A D 3N |
| D3005 | A D 4N |
| D3007 | B C 8F |
| D4001 | B C 16E |
| D4002 | B C 15E |
| D6002 | A D 15P |
| D7001 | A D 15B |
| D7021 | A D 13A |
| D7031 | A D 13A |
| D7032 | A D 10C |
| D7033 | A D 10C |
| D7034 | A D 10C |
| D7035 | A D 11C |
| D7042 | A D 14C |
| D7043 | A D 8C |
| D7112 | A D 20M |
| D7113 | A D 20M |
| D7114 | A D 20K |
| D7115 | A D 19I |
| D7123 | A D 20N |
| D7124 | A D 19G |
| D7125 | A D 20G |
| D7126 | A D 19H |
| D7127 | A D 20H |
| D8001 | B C 7L |
| D8201 | A D 13K |
| D8202 | A D 13L |
| DI7001 | A D 12C |
| **IC** | |
| IC3001 | B C 4F |
| IC3002 | B C 3H |
| IC3003 | B C 2H |
| IC3004 | B C 7I |
| IC4001 | B C 15F |
| IC4003 | B C 16E |
| IC4101 | B C 16L |
| IC6501 | B C 16N |
| IC6601 | B C 16N |
| IC6650 | B C 14M |
| IC7001 | B C 11B |
| IC7002 | A D 16B |
| IC8001 | B C 7M |
| IC8201 | B C 14J |
| IC8202 | B C 15J |
| IC8501 | B C 17B |
| **COIL** | |
| L3001 | A D 6B |
| L4001 | A D 15H |
| L4002 | A D 14H |
| L4003 | A D 13F |
| L4004 | A D 13F |
| L4006 | A D 14H |
| L4007 | A D 14F |
| L4008 | A D 13G |
| L4101 | A D 14L |
| L4102 | A D 14L |
| L6001 | A D 16O |
| L6003 | A D 17O |
| L6005 | A D 15O |
| L6032 | A D 13O |
| L6033 | A D 12P |
| L6501 | A D 17N |
| L7001 | A D 14A |
| L7201 | A D 17D |
| L8001 | A D 3L |
| L8002 | A D 4N |
| L8501 | A D 18C |
| **TRANSISTOR** | |
| Q3004 | B C 7H |
| Q3009 | B C 7F |
| Q3010 | B C 8H |
| Q3901 | B C 2G |
| Q4001 | B C 13E |
| Q4003 | B C 14E |
| Q4004 | B C 15H |
| Q4005 | B C 13F |
| Q4006 | B C 13G |
| Q4101 | B C 15L |
| Q6030 | B C 12O |
| Q6031 | B C 12P |
| Q6650 | B C 13N |
| Q7001 | A D 14C |
| Q7103 | A D 20L |
| Q7104 | A D 20L |
| Q7105 | A D 20G |
| Q7106 | A D 20J |
| Q7107 | A D 20G |
| Q7201 | A D 17E |
| Q7211 | B C 17E |
| Q7212 | B C 17E |
| Q8203 | B C 17J |
| Q8204 | B C 17I |
| Q8205 | B C 17K |
| Q8206 | B C 17J |
| Q8207 | B C 13L |
| Q8208 | B C 13L |
| **RESISTOR** | |
| R3012 | B C 5E |
| R3017 | B C 5F |
| R3018 | B C 5E |
| R3020 | B C 5E |
| R3021 | B C 5F |
| R3024 | B C 6F |
| R3025 | B C 6F |
| R3026 | B C 6F |
| R3028 | B C 6F |
| R3029 | B C 6F |
| R3030 | B C 6F |
| R3031 | B C 6F |
| R3032 | B C 7F |
| R3033 | B C 7G |
| R3034 | B C 7G |
| R3035 | B C 7G |
| R3036 | B C 7G |
| R3037 | B C 7G |
| R3038 | B C 7G |
| R3039 | B C 7H |
| R3040 | B C 7H |
| R3041 | B C 7H |
| R3042 | B C 7H |
| R3044 | B C 6H |
| R3046 | B C 6H |
| R3047 | B C 6H |
| R3048 | B C 6H |
| R3049 | B C 6H |
| R3050 | B C 5H |
| R3051 | B C 5H |
| R3052 | B C 5H |
| R3053 | B C 5H |
| R3054 | B C 5H |
| R3055 | B C 5H |
| R3059 | B C 4H |
| R3060 | B C 4H |
| R3061 | B C 4H |
| R3062 | B C 3H |
| R3063 | B C 3H |
| R3066 | B C 3H |
| R3069 | B C 3G |
| R3071 | B C 3G |
| R3072 | B C 2E |
| R3074 | B C 2E |
| R3075 | B C 2F |
| R3076 | B C 2F |
| R3080 | B C 2F |
| R3081 | B C 2F |
| R3083 | B C 2F |
| R3085 | B C 3F |
| R3086 | B C 3F |
| R3087 | B C 3F |
| R3089 | B C 3E |
| R3090 | B C 3E |
| R3091 | B C 3E |
| R3092 | B C 3E |
| R3093 | B C 3E |
| R3094 | B C 3E |
| R3095 | B C 3E |
| R3096 | B C 3D |
| R3097 | B C 3D |
| R3213 | B C 7H |
| R3214 | B C 7H |
| R3218 | B C 7A |
| R3219 | B C 8H |
| R3220 | B C 7H |
| R3223 | B C 2F |
| R3224 | B C 2F |
| R3229 | B C 3G |
| R3230 | B C 3H |
| R3231 | B C 3H |
| R3233 | B C 7F |
| R3235 | B C 6H |
| R3236 | B C 6H |
| R3237 | B C 6H |
| R3238 | B C 5E |
| R3239 | B C 4I |
| R3240 | B C 4H |
| R3246 | B C 5F |
| R3251 | B C 6H |
| R3252 | B C 5E |
| R3256 | B C 4H |
| R3257 | B C 4H |
| R3258 | B C 4H |
| R3260 | B C 6F |
| R4001 | B C 15E |
| R4002 | B C 15E |
| R4003 | B C 16E |
| R4004 | B C 16E |
| R4005 | B C 17F |
| R4006 | B C 16F |
| R4007 | B C 17G |
| R4009 | B C 16G |
| R4010 | B C 15G |
| R4011 | B C 14G |
| R4012 | B C 14G |
| R4013 | B C 14F |
| R4014 | B C 14F |
| R4015 | B C 15E |
| R4016 | B C 15E |
| R4017 | B C 13E |
| R4018 | B C 13F |
| R4019 | B C 13F |
| R4020 | B C 14F |
| R4021 | B C 14E |
| R4026 | B C 14E |
| R4027 | B C 14E |
| R4028 | B C 14E |
| R4029 | B C 14E |
| R4030 | B C 16E |
| R4031 | B C 17E |
| R4033 | B C 15H |
| R4034 | B C 15H |
| R4035 | B C 15H |
| R4036 | B C 1P |
| R4040 | B C 1P |
| R4041 | B C 1P |
| R4042 | B C 13G |
| R4043 | B C 13F |
| R4044 | B C 13F |
| R4045 | B C 13F |
| R4046 | B C 13G |
| R4047 | B C 13G |
| R4048 | B C 13G |
| R4049 | B C 18G |
| R4050 | B C 18G |
| R4051 | B C 18G |
| R4052 | B C 18G |
| R4053 | B C 18F |
| R4054 | B C 17F |
| R4055 | B C 18F |
| R4056 | B C 17F |
| R4057 | B C 18H |
| R4058 | B C 18H |
| R4059 | B C 18H |
| R4060 | B C 18H |
| R4101 | B C 14L |
| R4102 | B C 15L |
| R4118 | B C 17L |
| R4119 | B C 18L |
| R4120 | B C 18K |
| R4121 | B C 18L |
| R4122 | B C 18K |
| R4123 | B C 18J |
| R4124 | B C 18J |
| R4125 | B C 18K |
| R4126 | B C 18K |
| R4127 | B C 18L |
| R4128 | B C 18J |
| R4129 | B C 18J |
| R4130 | B C 17I |
| R4131 | B C 18J |
| R4132 | B C 18N |
| R4133 | B C 19N |
| R4134 | B C 17N |
| R4135 | B C 18N |
| R4136 | B C 17N |
| R4137 | B C 18N |
| R4138 | B C 18M |
| R4139 | B C 18M |
| R4140 | B C 18M |
| R6020 | B C 16P |
| R6021 | B C 16P |
| R6030 | B C 12O |
| R6031 | B C 13O |
| R6032 | B C 14P |
| R6033 | B C 14P |
| R6034 | B C 12O |
| R6035 | B C 12P |
| R6501 | B C 17M |
| R6502 | B C 17N |
| R6503 | B C 16N |
| R6504 | B C 15O |
| R6505 | B C 15O |
| R6508 | B C 15N |
| R6509 | B C 14O |
| R6510 | B C 14O |
| R6511 | B C 14O |
| R6512 | B C 14N |
| R6515 | B C 16M |
| R6516 | B C 17N |
| R6650 | B C 13N |
| R6651 | B C 14N |
| R6652 | B C 14N |
| R6653 | B C 14N |
| R6654 | B C 14N |
| R6655 | B C 13N |
| R6656 | B C 14N |
| R6657 | B C 13M |
| R7001 | B C 10C |
| R7002 | B C 10C |
| R7003 | B C 11C |
| R7005 | B C 9C |
| R7006 | B C 10C |
| R7007 | B C 10C |
| R7009 | A D 9B |
| R7010 | B C 13A |
| R7013 | B C 9B |
| R7014 | B C 10B |
| R7015 | B C 10C |
| R7016 | A D 16B |
| R7021 | A D 14A |
| R7044 | A D 15C |
| R7045 | A D 14C |
| R7047 | A D 14C |
| R7106 | A D 20M |
| R7107 | A D 20M |
| R7108 | A D 19G |
| R7109 | A D 20F |
| R7110 | A D 20F |
| R7111 | A D 20F |
| R7112 | A D 19H |
| R7113 | A D 19H |
| R7114 | A D 20H |
| R7115 | A D 20H |
| R7151 | B C 21M |
| R7152 | B C 21M |
| R7153 | B C 21L |
| R7154 | B C 21K |
| R7155 | B C 21J |
| R7156 | B C 22K |
| R7202 | B C 18D |
| R7203 | B C 18D |
| R7204 | A D 17F |
| R7205 | B C 18D |
| R7211 | B C 17E |
| R7212 | B C 18F |
| R7213 | B C 18E |
| R8001 | B C 7L |
| R8002 | B C 9N |
| R8003 | B C 8L |
| R8004 | B C 9N |
| R8007 | B C 8M |
| R8008 | B C 8N |
| R8013 | B C 8M |
| R8014 | B C 8N |
| R8015 | B C 8M |
| R8016 | B C 8N |
| R8017 | B C 7L |
| R8018 | B C 8L |
| R8019 | B C 7M |
| R8020 | B C 8M |
| R8021 | B C 8N |
| R8022 | B C 8N |
| R8023 | B C 8N |
| R8024 | B C 7N |
| R8025 | B C 8N |
| R8026 | B C 9N |
| R8031 | B C 7N |
| R8032 | B C 6N |
| R8033 | B C 5M |
| R8034 | B C 6M |
| R8035 | B C 5M |
| R8036 | B C 5L |
| R8039 | B C 6M |
| R8040 | B C 6L |
| R8041 | B C 6L |
| R8042 | B C 6K |
| R8043 | B C 7L |
| R8044 | B C 6L |
| R8045 | B C 6M |
| R8046 | B C 6L |
| R8047 | B C 6M |
| R8201 | B C 13K |
| R8202 | B C 13K |
| R8203 | B C 12K |
| R8204 | B C 12K |
| R8206 | B C 13K |
| R8211 | B C 14I |
| R8212 | B C 14I |
| R8213 | B C 15I |
| R8214 | B C 14J |
| R8215 | B C 15I |
| R8216 | B C 15J |
| R8217 | B C 15K |
| R8218 | B C 15K |
| R8219 | B C 15J |
| R8220 | B C 15K |
| R8221 | B C 15J |
| R8222 | B C 15K |
| R8223 | B C 16J |
| R8224 | B C 16J |
| R8233 | B C 15K |
| R8234 | B C 15K |
| R8241 | B C 16I |
| R8242 | B C 16J |
| R8244 | B C 17J |
| R8245 | B C 16I |
| R8246 | B C 17I |
| R8248 | B C 17I |
| R8249 | B C 17J |
| R8250 | B C 16K |
| R8252 | B C 17K |
| R8253 | B C 16J |
| R8254 | B C 16J |
| R8256 | B C 17J |
| R8501 | B C 18C |
| R8502 | B C 17B |
| R8503 | B C 18B |
| R8504 | B C 18C |
| R8505 | B C 19C |
| R8506 | B C 18B |
| R8507 | B C 18B |
| **OTHER** | |
| GN1 | A D 10P |
| GN2 | A D 2P |
| GN3 | A D 9P |
| GN4 | A D 4C |
| GN5 | A D 18O |
| J4002 | A D 19G |
| J4003 | A D 19F |
| J4101 | A D 19H |
| J4102 | A D 19L |
| J4103 | A D 19J |
| J4104 | A D 19I |
| J4105 | A D 19M |
| J4106 | A D 19N |
| J4112 | A D 22H |
| J7001 | A D 21M |
| J7002 | A D 21K |
| J7201 | A D 19E |
| J7202 | A D 19D |
| J8401 | A D 19C |
| J8501 | A D 19B |
| K4101 | B C 22G |
| K4102 | B C 22G |
| K4103 | B C 21H |
| K4104 | B C 21H |
| K4105 | B C 21C |
| K4106 | B C 22D |
| K4107 | B C 22C |
| K8201 | B C 14J |
| K8501 | B C 19B |
| KA4101 | B C 21E |
| KA4102 | B C 22E |
| PC0954 | B C 22Q |
| PC0958 | B C 1A |
| S7001 | A D 16A |
| S7113 | A D 20G |
| S7114 | A D 20H |
| S7115 | A D 20I |
| S7132 | A D 20N |
| S7133 | A D 20L |
| S7134 | A D 20K |
| S7135 | A D 20J |
| TP3901 | B C 6G |
| TP3902 | B C 6G |
| TP3903 | B C 3H |
| TP3904 | B C 3G |
| TP3905 | B C 3H |
| TP3906 | B C 4G |
| TP3907 | B C 4H |
| TP3908 | B C 4H |
| TU6001 | A D 19P |
| X3001 | A D 4G |
| X3002 | A D 3G |

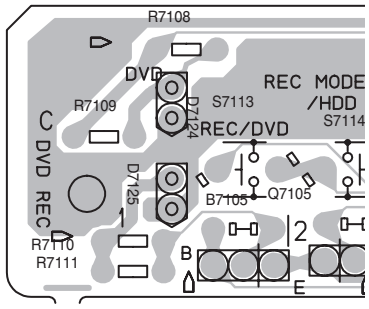
## ■ Switch display boar



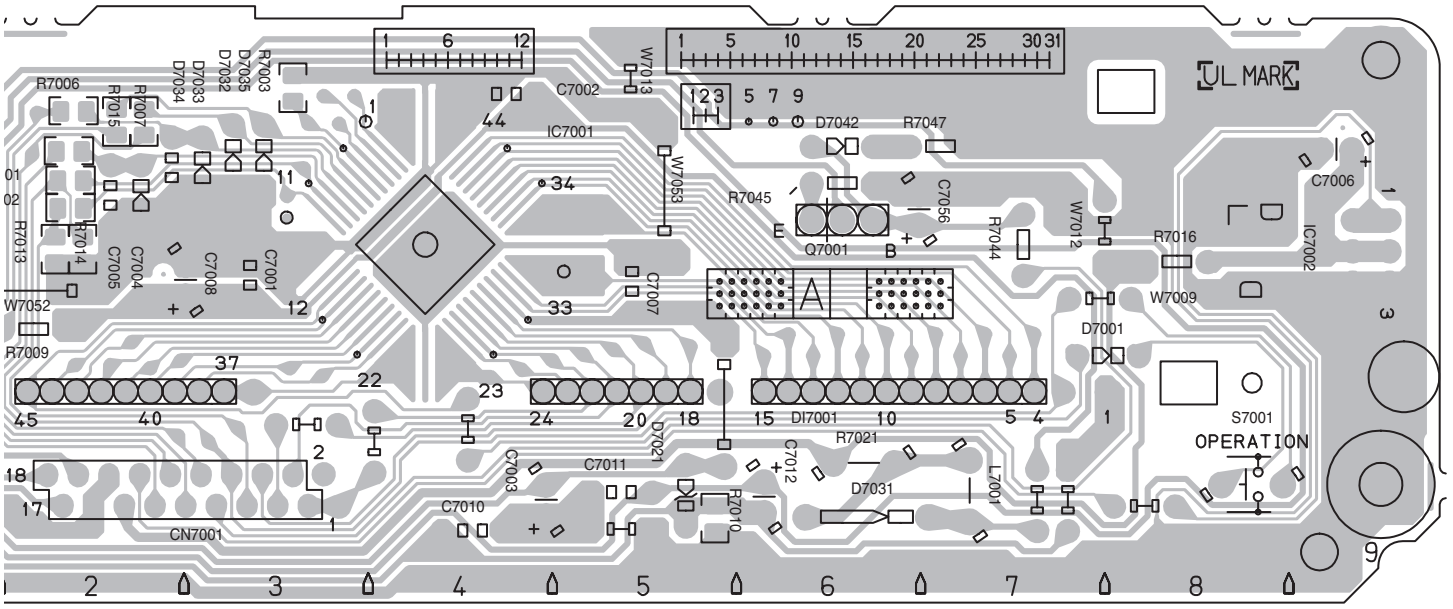

## ■ Jack board <36> LP



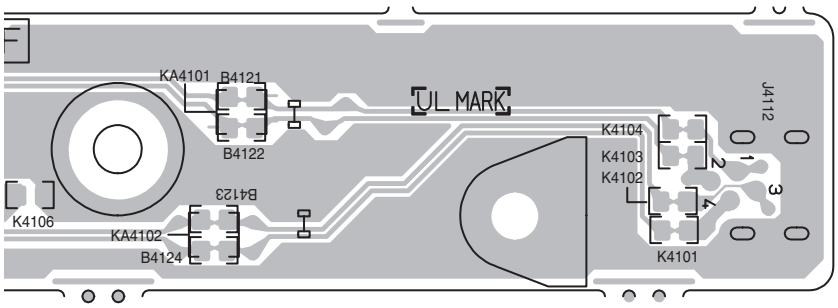

## ■ Operation board <



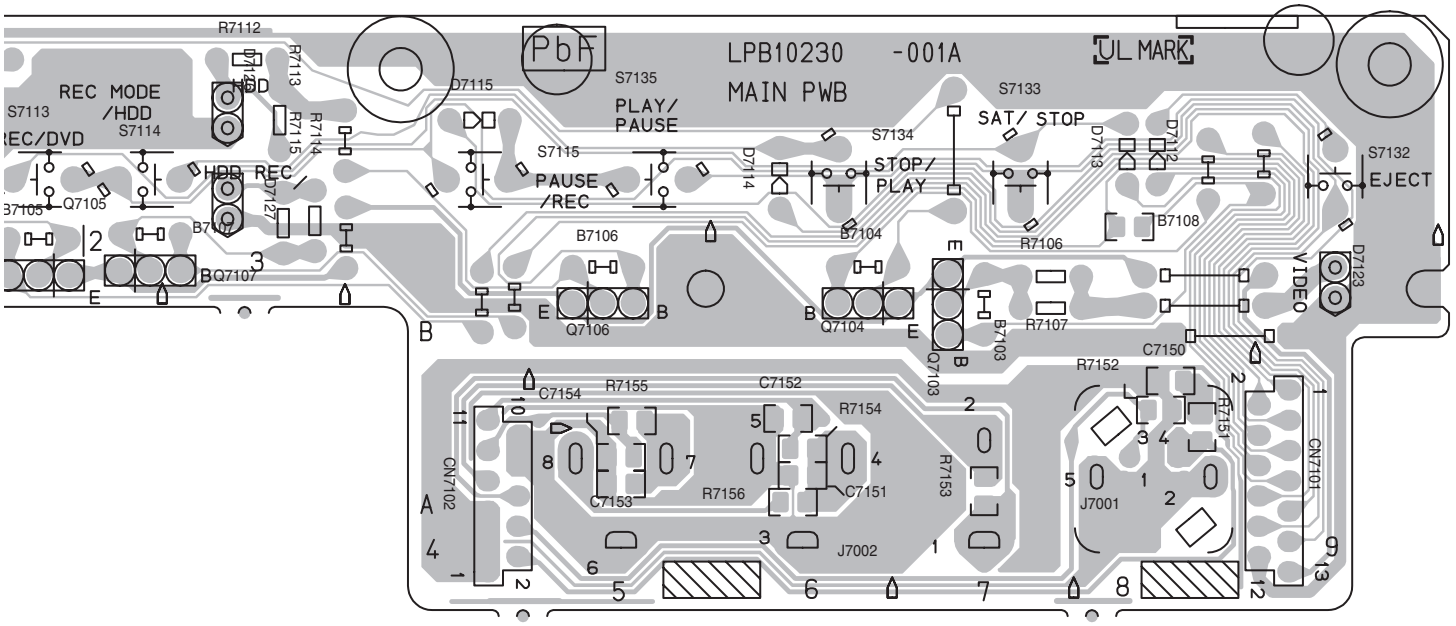
## ɔplay board <28> LPB10230-001C



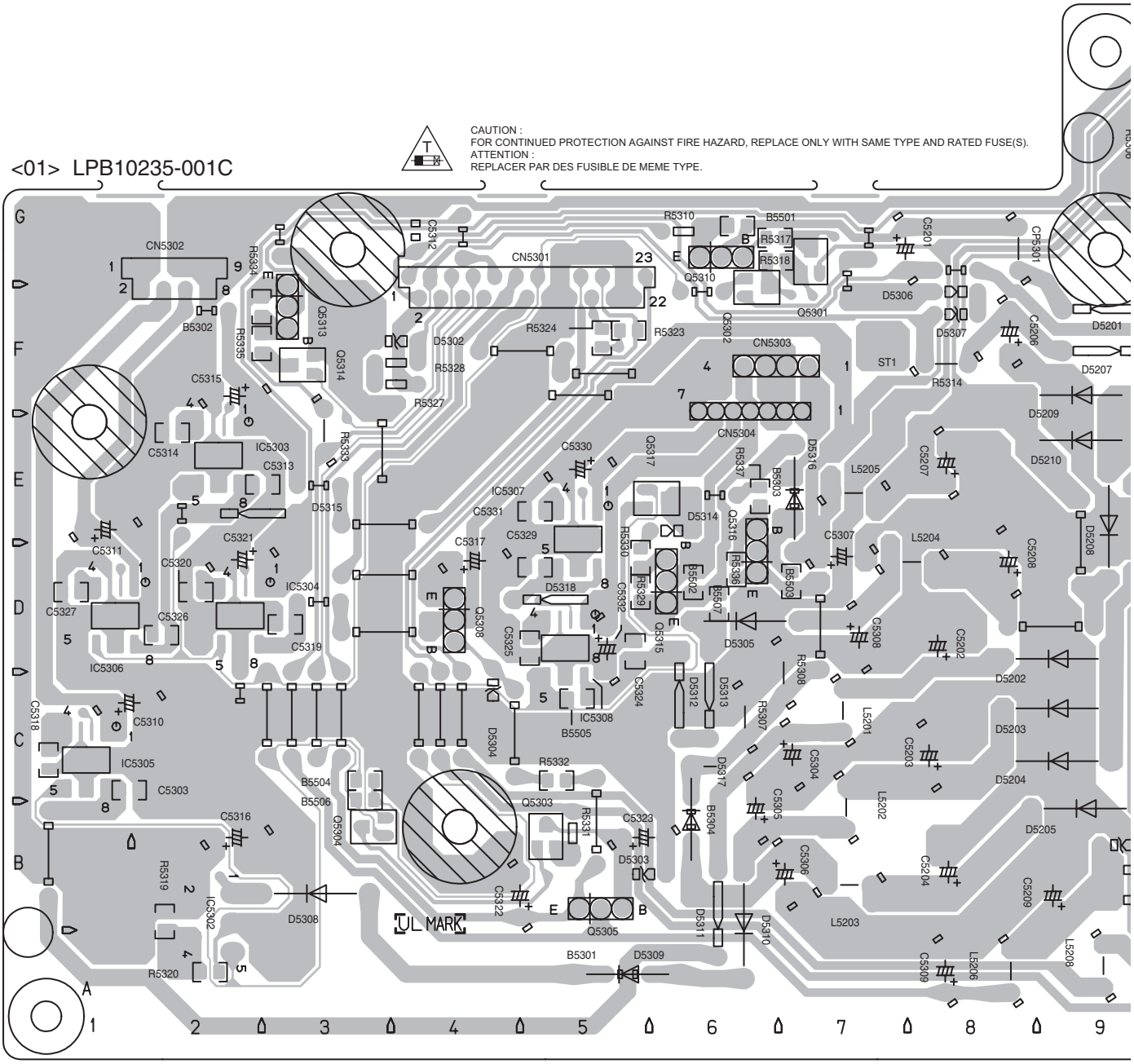

## d <36> LPB10230-001C




## board <27> LPB10230-001C

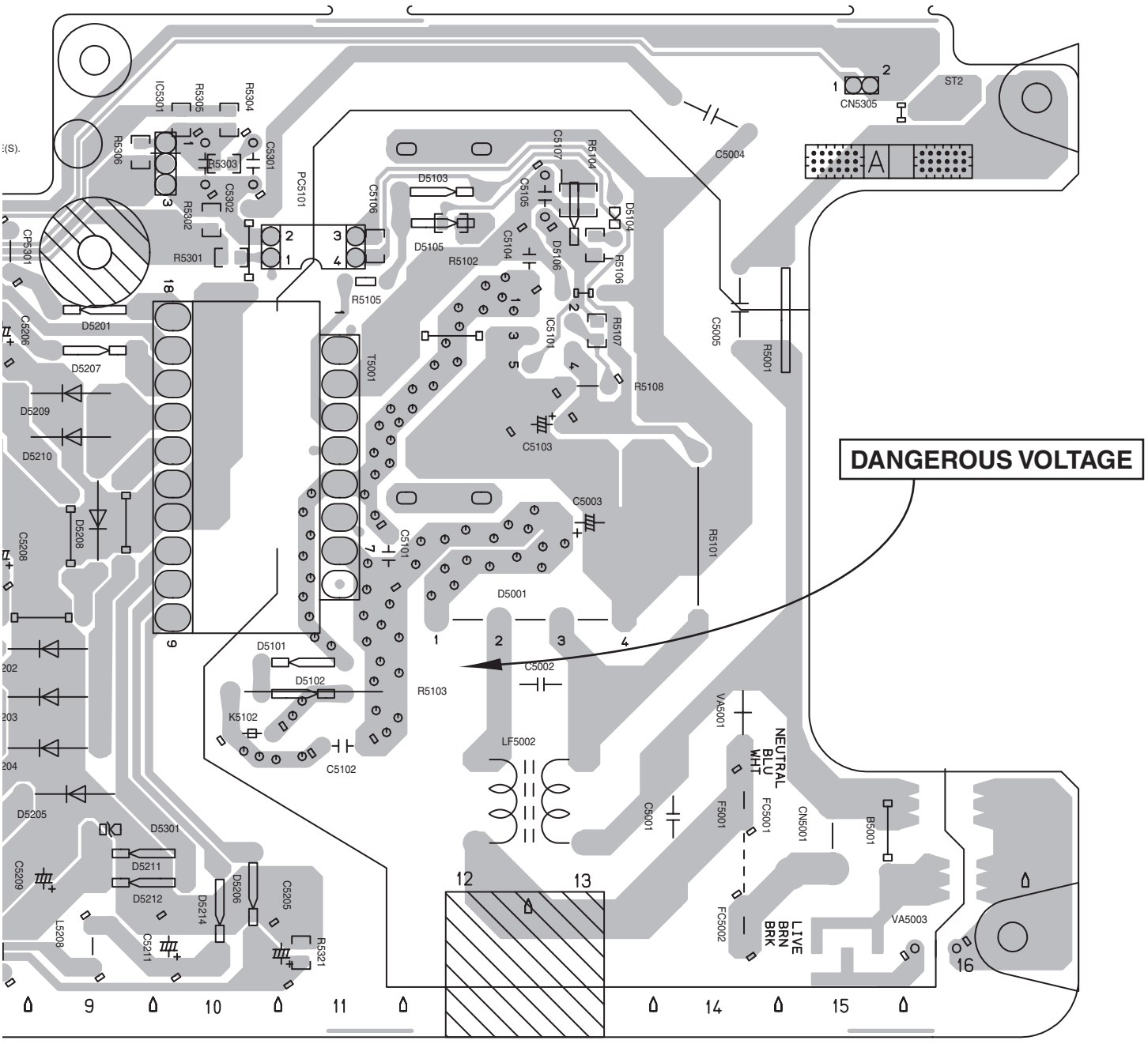


## ■ Switching regurator board



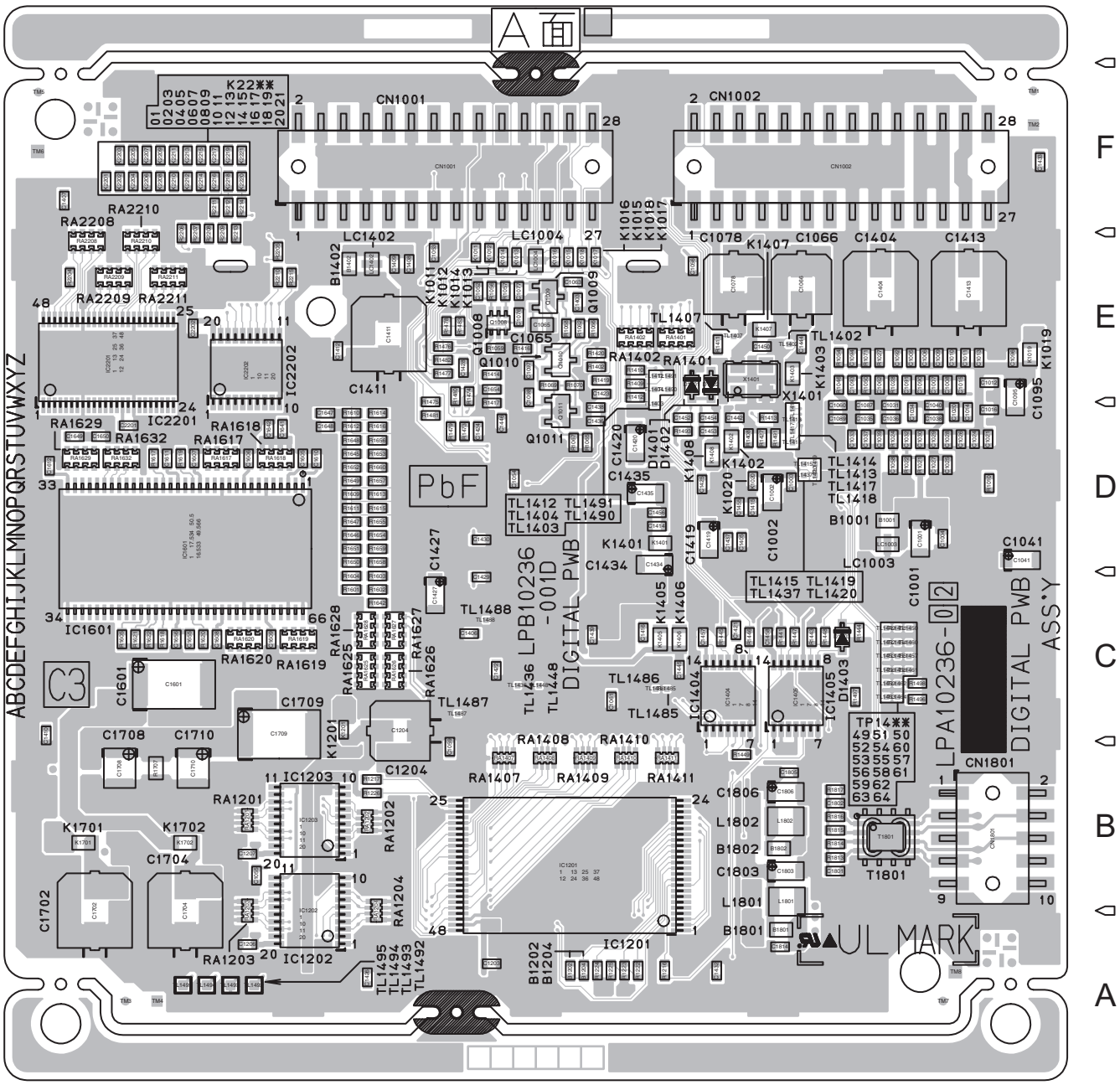

### COMPONENT PARTS LOCATION GUIDE <SWITCHING REGURATOR> LPB10235-001C

| REF.NO. | LOCATION | REF.NO. | LOCATION | REF.NO. | LOCATION | REF.NO. | LOCATION | REF.NO. | LOCATION | REF.NO. | LOCATION |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **CAPACITOR** | | C5307 | A D 7D | CN5302 | A D 1F | D5304 | A D 4C | L5202 | A D 7B | R5106 | B C 13G | R5336 | B C 6D |
| C5001 | A D 14B | C5308 | A D 7D | CN5303 | A D 7F | D5305 | A D 7D | L5203 | A D 7B | R5107 | B C 13F | R5337 | B C 6E |
| C5002 | A D 12C | C5309 | A D 8A | CN5304 | A D 7E | D5306 | A D 8F | L5204 | A D 7D | R5108 | A D 13F | | |
| C5003 | A D 13D | C5310 | A D 1C | CN5305 | A D 15H | D5307 | A D 8F | L5205 | A D 7E | R5301 | B C 10G | **OTHER** | |
| C5004 | A D 14H | C5311 | A D 1D | | | D5308 | A D 3B | L5206 | A D 8A | R5302 | B C 10G | CP5301 | A D 8F |
| C5005 | A D 14F | C5312 | A D 4G | **DIODE** | | D5309 | A D 6A | L5208 | A D 9A | R5303 | B C 10G | F5001 | A D 14B |
| C5101 | A D 11D | C5313 | B C 3E | D5001 | A D 12D | D5310 | A D 6B | LF5002 | A D 13C | R5304 | B C 10H | FC5001 | A D 14B |
| C5102 | A D 11C | C5314 | B C 2E | D5101 | A D 11C | D5311 | A D 6B | | | R5305 | B C 10H | FC5002 | A D 14A |
| C5103 | A D 13E | C5315 | A D 2E | D5102 | A D 10C | D5312 | A D 6C | **TRANSISTOR** | | R5306 | B C 9G | K5102 | A D 10C |
| C5104 | A D 13F | C5316 | A D 2B | D5103 | A D 11G | D5313 | A D 6C | Q5301 | B C 7G | R5307 | A D 6C | PC0220 | A D 15B |
| C5105 | A D 13G | C5317 | A D 4D | D5104 | A D 13G | D5314 | A D 6D | Q5302 | B C 6F | R5308 | A D 7C | PC0221 | A D 15B |
| C5106 | B C 11G | C5318 | B C 1C | D5105 | A D 11G | D5315 | A D 3E | Q5303 | B C 5B | R5310 | A D 6G | PC5101 | A D 10G |
| C5107 | B C 13G | C5319 | B C 3D | D5106 | A D 13G | D5316 | A D 7D | Q5304 | B C 3B | R5314 | A D 8F | SG5001 | B C 15A |
| C5201 | A D 7G | C5320 | B C 2D | D5201 | A D 9F | D5317 | A D 6B | Q5305 | A D 5A | R5317 | B C 6G | T5001 | A D 11F |
| C5202 | A D 8C | C5321 | A D 3D | D5202 | A D 9C | D5318 | A D 5D | Q5308 | A D 4D | R5318 | B C 6G | VA5001 | A D 14C |
| C5203 | A D 8C | C5322 | A D 5A | D5203 | A D 9C | | | Q5310 | A D 6G | R5319 | B C 2A | VA5003 | A D 16A |
| C5204 | A D 8B | C5323 | A D 5B | D5204 | A D 9C | **IC** | | Q5313 | A D 3F | R5320 | B C 2A | | |
| C5205 | A D 11A | C5324 | B C 5C | D5205 | A D 9B | IC5101 | A D 13F | Q5314 | B C 3F | R5321 | B C 11A | | |
| C5206 | A D 8F | C5325 | B C 5D | D5206 | A D 10B | IC5301 | A D 10G | Q5315 | A D 6D | R5323 | B C 5F | | |
| C5207 | A D 8E | C5326 | B C 2D | D5207 | A D 9F | IC5302 | A D 2B | Q5316 | A D 6D | R5324 | B C 5F | | |
| C5208 | A D 8D | C5327 | B C 1D | D5208 | A D 9E | IC5303 | B C E2 | Q5317 | B C 6E | R5327 | A D 4F | | |
| C5209 | A D 9A | C5329 | B C 5D | D5209 | A D 9E | IC5304 | B C 2D | | | R5328 | A D 4F | | |
| C5211 | A D 10A | C5330 | A D 5E | D5210 | A D 9E | IC5305 | B C 1C | **RESISTOR** | | R5329 | B C 5D | | |
| C5301 | A D 10G | C5331 | B C 5E | D5211 | A D 10B | IC5306 | B C 1D | R5001 | A D 15G | R5330 | B C 5D | | |
| C5302 | A D 10G | C5332 | A D 5D | D5212 | A D 10B | IC5307 | B C 5D | R5101 | A D 14D | R5331 | A D 5B | | |
| C5303 | B C 1B | | | D5214 | A D 10B | IC5308 | B C 5D | R5102 | B C 12G | R5332 | B C 5B | | |
| C5304 | A D 7C | **CONNECTOR** | | D5301 | A D 9B | | | R5103 | A D 10C | R5333 | A D 3E | | |
| C5305 | A D 6B | CN5001 | A D 15B | D5302 | A D 4F | **COIL** | | R5104 | B C 13G | R5334 | B C 3F | | |
| C5306 | A D 7B | CN5301 | A D 4F | D5303 | A D 6B | L5201 | A D 7C | R5105 | A D 11F | R5335 | B C 3F | | |

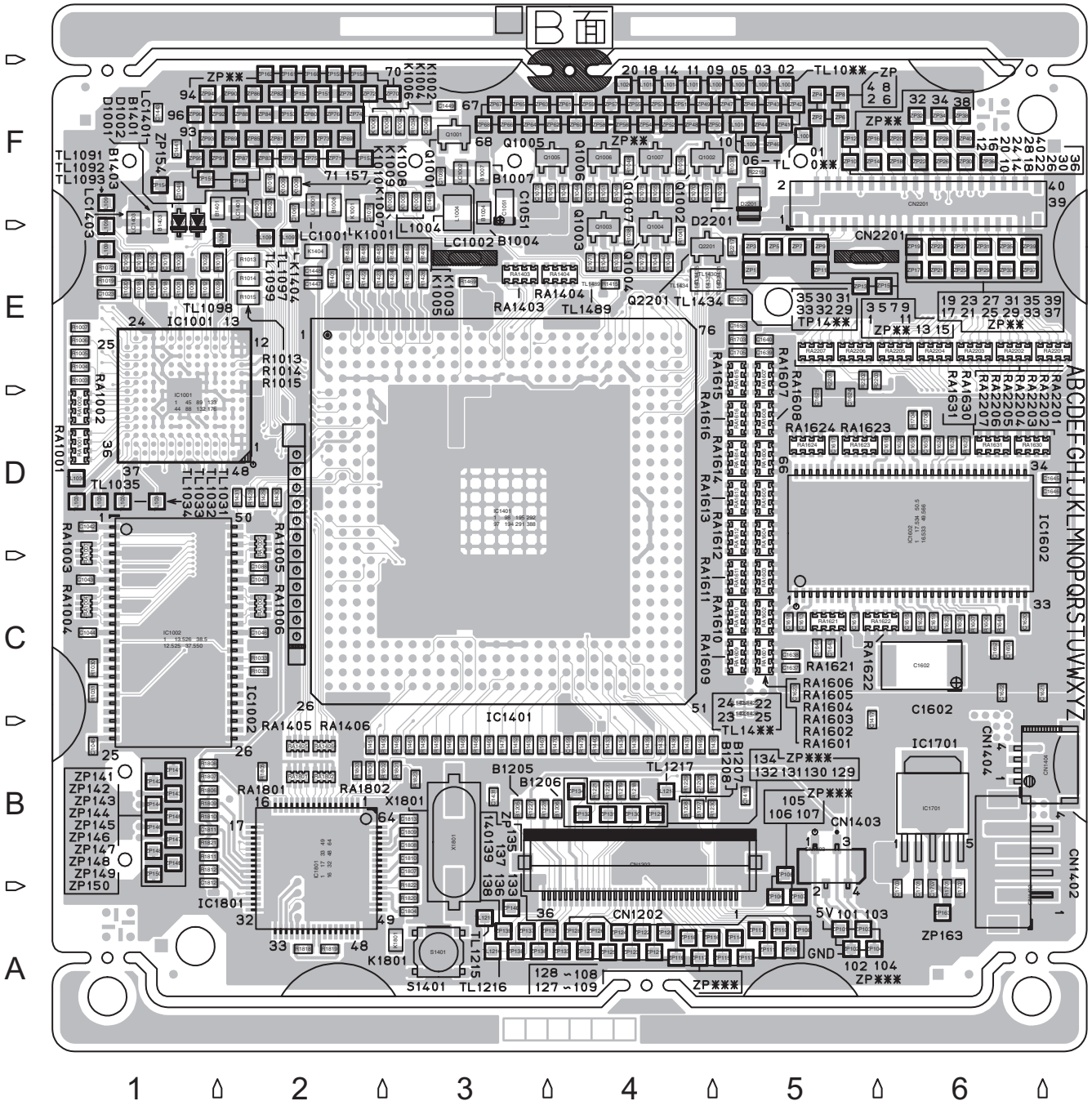

DANGEROUS VOLTAGE
ST2
CN5305
C5004
C5005
R5001
R5101
C5003
D5001
C5002
R5103
K5102
C5102
LF5002
VA5001
NEUTRAL
BLU
WHT
LIVE
BRN
BRK
F5001
FC5001
CN5001
B5001
C5001
FC5002
VA5003
T5001
PC5101
IC5101
R5102
R5104
R5105
R5106
R5107
R5108
C5101
C5103
C5104
C5105
C5106
C5107
D5103
D5104
D5105
D5106
R5301
R5302
R5303
R5304
R5305
R5306
IC5301
C5301
C5302
CR5301
D5201
C5206
D5207
D5209
D5210
D5208
C5208
D5205
D5301
D5211
D5212
D5214
D5206
C5205
C5209
L5208
C5211
R5321
D5101
D5102
9
10
11
12
13
14
15
16

## ■ Digital board <02> LPB10236-001D

**Forward side**



**Reverse side**



## COMPONENT PARTS LOCATION GUIDE <DIGITAL> LPB10236-001D

| REF.NO. | LOCATION |
|---|---|
| **CAPACITOR** | |
| C1001 | A C 1D |
| C1002 | A C 2D |
| C1003 | A C 2D |
| C1004 | A C 1D |
| C1005 | A C 1E |
| C1006 | A C 1E |
| C1007 | A C 1E |
| C1008 | A C 1E |
| C1009 | A C 1E |
| C1010 | A C 1E |
| C1011 | A C 1E |
| C1012 | A C 1E |
| C1013 | A C 1E |
| C1014 | A C 1D |
| C1015 | A C 1E |
| C1016 | A C 1D |
| C1017 | B C 1E |
| C1018 | B C 1E |
| C1019 | B C 1E |
| C1020 | A C 1D |
| C1021 | A C 1D |
| C1022 | B C 1E |
| C1023 | B C 1E |
| C1024 | A C 1D |
| C1025 | A C 1D |
| C1026 | A C 1D |
| C1027 | A C 1D |
| C1028 | A C 1D |
| C1029 | A C 1D |
| C1030 | A C 1D |
| C1031 | A C 2D |
| C1032 | A C 1D |
| C1033 | A C 2D |
| C1034 | A C 1D |
| C1035 | A C 2D |
| C1036 | A C 2D |
| C1037 | A C 2D |
| C1038 | A C 1D |
| C1039 | A C 2D |
| C1040 | A C 1D |
| C1041 | A C 1D |
| C1042 | B C 1D |
| C1043 | B C 1C |
| C1044 | B C 1C |
| C1045 | B C 1B |
| C1046 | B C 2C |
| C1047 | B C 2C |
| C1048 | B C 3F |
| C1049 | B C 1F |
| C1050 | B C 1E |
| C1051 | B C 3F |
| C1052 | A C 4E |
| C1053 | A C 4E |
| C1054 | A C 4D |
| C1055 | A C 5B |
| C1056 | A C 3E |
| C1057 | B C 5E |
| C1058 | A C 2D |
| C1059 | A C 4B |
| C1060 | A C 2D |
| C1061 | A C 3C |
| C1062 | A C 2E |
| C1063 | A C 3E |
| C1065 | A C 4E |
| C1066 | A C 2E |
| C1067 | B C 2F |
| C1069 | B C 3F |
| C1070 | B C 4F |
| C1071 | B C 4E |
| C1072 | B C 4E |
| C1073 | B C 3F |
| C1074 | B C 4F |
| C1075 | B C 4F |
| C1076 | A C 4E |
| C1077 | A C 4E |
| C1078 | A C 2E |
| C1079 | B C 2F |
| C1087 | A C 2D |
| C1088 | B C 2C |
| C1089 | A C 2D |
| C1090 | A C 1E |
| C1091 | A C 1E |
| C1092 | A C 2E |
| C1093 | A C 2E |
| C1094 | A C 2E |
| C1095 | A C 1E |
| C1096 | A C 1E |
| C1097 | A C 4E |
| C1098 | A C 4E |
| C1203 | A C 4A |
| C1204 | A C 4C |
| C1206 | A C 5A |
| C1207 | A C 5B |
| C1208 | B C 4B |
| C1401 | B C 2F |
| C1402 | B C 2F |
| C1403 | A C 3E |
| C1404 | A C 2E |
| C1405 | A C 2D |
| C1406 | A C 4C |
| C1407 | A C 6F |
| C1408 | A C 4E |
| C1409 | A C 4E |
| C1410 | A C 7C |
| C1411 | A C 5E |
| C1412 | A C 5E |
| C1413 | A C 1E |
| C1414 | A C 3D |
| C1415 | A C 2D |
| C1416 | A C 3C |
| C1417 | B C 5C |
| C1418 | B C 5B |
| C1419 | A C 3D |
| C1420 | A C 3D |
| C1421 | A C 2C |
| C1422 | A C 4C |
| C1423 | A C 3E |
| C1424 | A C 4D |
| C1425 | A C 3D |
| C1426 | A C 5A |
| C1427 | A C 4C |
| C1428 | A C 4E |
| C1429 | A C 4C |
| C1430 | A C 4D |
| C1431 | B C 3B |
| C1432 | A C 3A |
| C1433 | A C 1F |
| C1434 | A C 3D |
| C1435 | A C 3D |
| C1436 | A C 3D |
| C1437 | A C 3D |
| C1438 | A C 3D |
| C1439 | A C 3C |
| C1440 | B C 3F |
| C1441 | B C 1F |
| C1442 | A C 2D |
| C1443 | B C 1F |
| C1444 | A C 2E |
| C1445 | A C 3C |
| C1446 | A C 4D |
| C1447 | B C 2E |
| C1448 | B C 2E |
| C1449 | B C 3F |
| C1450 | A C 2E |
| C1452 | A C 3D |
| C1453 | A C 3D |
| C1454 | A C 3D |
| C1455 | A C 2D |
| C1456 | A C 3D |
| C1457 | A C 3C |
| C1458 | A C 2C |
| C1459 | B C 4B |
| C1601 | A C 6C |
| C1602 | B C 6C |
| C1605 | A C 5D |
| C1606 | A C 5D |
| C1607 | A C 6D |
| C1608 | A C 6C |
| C1609 | A C 5C |
| C1610 | A C 5D |
| C1611 | A C 6D |
| C1612 | A C 7D |
| C1613 | B C 5C |
| C1614 | B C 5C |
| C1615 | B C 6C |
| C1616 | B C 6D |
| C1617 | B C 5D |
| C1618 | B C 5C |
| C1619 | B C 6C |
| C1620 | B C 6C |
| C1621 | B C 7C |
| C1622 | B C 6C |
| C1623 | B C 5C |
| C1624 | B C 5D |
| C1625 | B C 5D |
| C1626 | B C 5C |
| C1637 | B C 5C |
| C1638 | B C 5C |
| C1639 | B C 5E |
| C1640 | B C 5E |
| C1641 | A C 5D |
| C1642 | A C 5D |
| C1643 | B C 5C |
| C1644 | B C 5C |
| C1645 | B C 7D |
| C1646 | B C 7D |
| C1647 | A C 5D |
| C1648 | A C 5D |
| C1649 | A C 6D |
| C1650 | A C 6D |
| C1651 | B C 6C |
| C1652 | B C 6C |
| C1653 | B C 5E |
| C1654 | A C 4E |
| C1655 | A C 6C |
| C1656 | A C 6C |
| C1657 | B C 6D |
| C1658 | B C 6D |
| C1701 | B C 6A |
| C1702 | A C 6B |
| C1703 | B C 6A |
| C1704 | A C 6B |
| C1705 | B C 5E |
| C1706 | B C 6D |
| C1707 | B C 6A |
| C1708 | A C 6B |
| C1709 | A C 5C |
| C1710 | A C 6B |
| C1801 | A C 2B |
| C1802 | A C 2B |
| C1803 | A C 2B |
| C1804 | B C 3A |
| C1805 | A C 2B |
| C1806 | A C 2B |
| C1807 | B C 3B |
| C1808 | B C 3B |
| C1809 | B C 3B |
| C1810 | B C 3B |
| C1811 | B C 1B |
| C1812 | B C 1B |
| C1813 | B C 3B |
| C1814 | A C 2A |
| C2201 | A C 6D |
| C2202 | A C 6E |
| **CONNECTOR** | |
| CN1001 | A C 4F |
| CN1002 | A C 2F |
| CN1202 | B C 4B |
| CN1402 | B C 6A |
| CN1403 | B C 5B |
| CN1404 | B C 7B |
| CN1801 | A C 1B |
| CN2201 | B C 6F |
| **DIODE** | |
| D1001 | B C 1F |
| D1002 | B C 1F |
| D1401 | A C 3E |
| D1402 | A C 3E |
| D1403 | A C 2C |
| D2201 | B C 5F |
| **IC** | |
| IC1001 | B C 1D |
| IC1002 | B C 1C |
| IC1201 | A C 3B |
| IC1202 | A C 5B |
| IC1203 | A C 5B |
| IC1401 | B C 3D |
| IC1404 | A C 3C |
| IC1405 | A C 2C |
| IC1601 | A C 6D |
| IC1602 | B C 6D |
| IC1701 | B C 6B |
| IC1801 | B C 2B |
| IC2201 | A C 6E |
| IC2202 | A C 5E |
| **COIL** | |
| L1004 | B C 3F |
| L1801 | A C 2B |
| L1802 | A C 2B |
| LC1001 | B C 2F |
| LC1002 | B C 3F |
| LC1003 | A C 2D |
| LC1004 | A C 4E |
| LC1401 | B C 2F |
| LC1402 | A C 5E |
| LC1403 | B C 1F |
| **TRANSISTOR** | |
| Q1001 | B C 3F |
| Q1002 | B C 4F |
| Q1003 | B C 4E |
| Q1004 | B C 4E |
| Q1005 | B C 4F |
| Q1006 | B C 4F |
| Q1007 | B C 4F |
| Q1008 | A C 4E |
| Q1009 | A C 4E |
| Q1010 | A C 3E |
| Q1011 | A C 3D |
| Q2201 | B C 4E |
| **RESISTOR** | |
| R1001 | B C 1E |
| R1002 | B C 1E |
| R1003 | B C 1E |
| R1004 | B C 1E |
| R1005 | B C 1E |
| R1006 | B C 1E |
| R1007 | B C 1E |
| R1009 | B C 1E |
| R1010 | A C 1D |
| R1012 | B C 1E |
| R1013 | B C 2E |
| R1014 | B C 2E |
| R1015 | B C 2E |
| R1017 | B C 2E |
| R1018 | B C 1E |
| R1019 | B C 1E |
| R1020 | B C 1E |
| R1021 | A C 1D |
| R1022 | A C 1D |
| R1024 | A C 2D |
| R1027 | A C 2E |
| R1028 | A C 2E |
| R1029 | B C 2E |
| R1030 | B C 1C |
| R1031 | B C 1C |
| R1032 | B C 2C |
| R1033 | B C 2C |
| R1034 | B C 3F |
| R1035 | B C 5F |
| R1036 | B C 5F |
| R1037 | B C 4F |
| R1038 | B C 4E |
| R1039 | B C 4E |
| R1040 | B C 4E |
| R1041 | B C 4E |
| R1042 | B C 4E |
| R1043 | B C 4E |
| R1044 | B C 4F |
| R1045 | B C 4F |
| R1046 | A C 2E |
| R1047 | B C 4F |
| R1048 | B C 4F |
| R1049 | B C 4F |
| R1050 | A C 2E |
| R1051 | B C 4F |
| R1052 | B C 4F |
| R1053 | B C 4F |
| R1054 | A C 2E |
| R1055 | B C 4F |
| R1056 | A C 4E |
| R1057 | A C 4E |
| R1059 | A C 4E |
| R1060 | B C 1E |
| R1061 | B C 1E |
| R1062 | A C 3E |
| R1065 | A C 3D |
| R1066 | A C 3E |
| R1067 | A C 3D |
| R1068 | A C 3E |
| R1069 | A C 4E |
| R1070 | A C 3E |
| R1071 | A C 2E |
| R1072 | B C 1E |
| R1216 | A C 3A |
| R1217 | A C 5B |
| R1218 | B C 4B |
| R1219 | B C 4B |
| R1220 | B C 4B |
| R1221 | B C 4B |
| R1222 | A C 3A |
| R1223 | A C 3A |
| R1224 | A C 3A |
| R1225 | A C 3A |
| R1226 | A C 5B |
| R1227 | B C 3B |
| R1228 | B C 3B |
| R1229 | B C 4B |
| R1230 | B C 5B |
| R1231 | B C 5B |
| R1401 | B C 2E |
| R1402 | A C 3E |
| R1408 | A C 2D |
| R1409 | A C 3E |
| R1410 | A C 3E |
| R1411 | A C 3E |
| R1412 | A C 3E |
| R1413 | A C 2D |
| R1414 | A C 4E |
| R1415 | B C 4E |
| R1416 | A C 4E |
| R1417 | A C 4D |
| R1419 | A C 3E |
| R1420 | A C 3E |
| R1421 | B C 2E |
| R1422 | B C 2E |
| R1423 | B C 2E |
| R1424 | B C 3E |
| R1425 | B C 3E |
| R1426 | B C 3E |
| R1427 | A C 2D |
| R1428 | B C 2D |
| R1429 | B C 2D |
| R1430 | B C 2D |
| R1431 | B C 2D |
| R1432 | B C 4B |
| R1433 | B C 4B |
| R1434 | B C 4B |
| R1435 | B C 5B |
| R1436 | B C 4B |
| R1437 | B C 4B |
| R1438 | B C 4B |
| R1439 | B C 4B |
| R1440 | B C 4B |
| R1441 | A C 2C |
| R1443 | A C 2C |
| R1444 | A C 2C |
| R1445 | A C 3C |
| R1446 | A C 2C |
| R1447 | A C 2C |
| R1448 | A C 2C |
| R1449 | A C 2B |
| R1450 | B C 3B |
| R1451 | B C 2B |
| R1452 | B C 3B |
| R1453 | B C 3B |
| R1458 | B C 3B |
| R1459 | B C 3B |
| R1460 | B C 3B |
| R1461 | B C 3B |
| R1462 | B C 3B |
| R1465 | B C 3B |
| R1466 | B C 3B |
| R1467 | B C 3B |
| R1468 | B C 3B |
| R1469 | B C 3E |
| R1470 | B C 4B |
| R1471 | B C 3B |
| R1472 | B C 4B |
| R1473 | A C 4D |
| R1474 | A C 4E |
| R1475 | A C 4E |
| R1476 | A C 4E |
| R1477 | A C 4E |
| R1478 | A C 4E |
| R1479 | A C 4D |
| R1480 | A C 4E |
| R1481 | A C 4D |
| R1482 | A C 4E |
| R1483 | A C 4E |
| R1485 | B C 2E |
| R1486 | B C 2E |
| R1487 | B C 2E |
| R1488 | B C 3E |
| R1489 | B C 3E |
| R1490 | B C 3E |
| R1491 | A C 2D |
| R1492 | B C 4B |
| R1493 | A C 3D |
| R1496 | A C 1C |
| R1497 | A C 2C |
| R1498 | A C 1C |
| R1601 | A C 5C |
| R1602 | A C 5C |
| R1603 | A C 5C |
| R1604 | A C 5C |
| R1605 | A C 6C |
| R1606 | B C 6C |
| R1607 | B C 6C |
| R1608 | B C 6C |
| R1609 | A C 5D |
| R1610 | A C 5D |
| R1611 | A C 5D |
| R1612 | A C 5D |
| R1613 | A C 5D |
| R1614 | A C 5D |
| R1615 | A C 5D |
| R1616 | A C 5D |
| R1617 | A C 6D |
| R1618 | A C 6C |
| R1619 | A C 6D |
| R1620 | A C 6C |
| R1621 | A C 6C |
| R1622 | A C 6C |
| R1623 | B C 6C |
| R1624 | B C 6D |
| R1625 | B C 6C |
| R1626 | B C 6D |
| R1627 | B C 6D |
| R1628 | B C 6D |
| R1642 | A C 5C |
| R1644 | B C 6C |
| R1645 | A C 5D |
| R1646 | A C 5D |
| R1647 | A C 5D |
| R1648 | A C 5D |
| R1649 | A C 5D |
| R1650 | A C 5D |
| R1651 | A C 5D |
| R1652 | A C 5D |
| R1653 | A C 5D |
| R1654 | A C 5D |
| R1655 | A C 5D |
| R1656 | A C 5D |
| R1657 | A C 5D |
| R1658 | A C 5D |
| R1659 | A C 5D |
| R1660 | A C 5D |
| R1701 | B C 6A |
| R1702 | B C 6A |
| R1703 | B C 5E |
| R1704 | B C 6D |
| R1707 | A C 6B |
| R1801 | B C 3B |
| R1802 | B C 3B |
| R1803 | B C 2B |
| R1804 | B C 2B |
| R1805 | B C 2B |
| R1806 | B C 1B |
| R1807 | B C 1B |
| R1808 | B C 1B |
| R1809 | B C 1B |
| R1810 | B C 1B |
| R1811 | B C 1B |
| R1812 | B C 1B |
| R1813 | A C 2B |
| R1814 | A C 2B |
| R1815 | A C 2B |
| R1816 | A C 2B |
| R1817 | A C 2B |
| R1818 | B C 2A |
| R1819 | B C 2A |
| R1820 | B C 3A |
| R1821 | B C 1B |
| R1822 | B C 3B |
| R1823 | B C 3B |
| R2201 | B C 5E |
| R2202 | B C 5E |
| R2203 | B C 5E |
| R2204 | A C 6E |
| R2205 | A C 5E |
| R2206 | A C 6E |
| R2207 | A C 6E |
| R2208 | A C 6E |
| R2209 | A C 5E |
| R2210 | A C 5E |
| R2211 | A C 6F |
| R2212 | A C 5F |
| R2213 | A C 5E |
| R2214 | A C 5F |
| R2215 | A C 5E |
| R2216 | B C 5F |
| R2217 | B C 5E |
| RA1001 | B C 1D |
| RA1002 | B C 1D |
| RA1003 | B C 1D |
| RA1004 | B C 1C |
| RA1005 | B C 2D |
| RA1006 | B C 2C |
| RA1201 | A C 5B |
| RA1202 | A C 5B |
| RA1203 | A C 5B |
| RA1204 | A C 5B |
| RA1401 | A C 3E |
| RA1402 | A C 3E |
| RA1403 | B C 3E |
| RA1404 | B C 4E |
| RA1405 | B C 2B |
| RA1406 | B C 2B |
| RA1407 | A C 4B |
| RA1408 | A C 4B |
| RA1409 | A C 3B |
| RA1410 | A C 3B |
| RA1411 | A C 3B |
| RA1601 | B C 5C |
| RA1602 | B C 5C |
| RA1603 | B C 5C |
| RA1604 | B C 5D |
| RA1605 | B C 5D |
| RA1606 | B C 5D |
| RA1607 | B C 5E |
| RA1608 | B C 5D |
| RA1609 | B C 5C |
| RA1610 | B C 5C |
| RA1611 | B C 5C |
| RA1612 | B C 5D |
| RA1613 | B C 5D |
| RA1614 | B C 5D |
| RA1615 | B C 5E |
| RA1616 | B C 5D |
| RA1617 | A C 5D |
| RA1618 | A C 5D |
| RA1619 | A C 5C |
| RA1620 | A C 5C |
| RA1621 | B C 5C |
| RA1622 | B C 6C |
| RA1623 | B C 5D |
| RA1624 | B C 5D |
| RA1625 | A C 5C |
| RA1626 | A C 4C |
| RA1627 | A C 4C |
| RA1628 | A C 5C |
| RA1629 | A C 6D |
| RA1630 | B C 6D |
| RA1631 | B C 6D |
| RA1632 | A C 6D |
| RA1801 | B C 2B |
| RA1802 | B C 2B |
| RA2201 | B C 7E |
| RA2202 | B C 6E |
| RA2203 | B C 6E |
| RA2204 | B C 6E |
| RA2205 | B C 6E |
| RA2206 | B C 5E |
| RA2207 | B C 5E |
| RA2208 | A C 6E |
| RA2209 | A C 6E |
| RA2210 | A C 6E |
| RA2211 | A C 6E |
| **OTHER** | |
| K1001 | B C 2F |
| K1002 | B C 3F |
| K1003 | B C 3F |
| K1004 | B C 3F |
| K1005 | B C 3F |
| K1006 | B C 2F |
| K1007 | B C 3F |
| K1008 | B C 2F |
| K1009 | B C 2F |
| K1010 | B C 2F |
| K1011 | A C 4E |
| K1012 | A C 4E |
| K1013 | A C 4E |
| K1014 | A C 4E |
| K1015 | A C 3E |
| K1016 | A C 4E |
| K1017 | A C 3E |
| K1018 | A C 3E |
| K1019 | A C 1E |
| K1020 | A C 2D |
| K1201 | A C 5C |
| K1401 | A C 3D |
| K1402 | A C 2D |
| K1403 | A C 2E |
| K1404 | B C 2E |
| K1405 | A C 3C |
| K1406 | A C 3C |
| K1407 | A C 2E |
| K1408 | A C 3D |
| K1701 | A C 6B |
| K1702 | A C 6B |
| K1801 | B C 3A |
| K2201 | A C 6F |
| K2202 | A C 6F |
| K2203 | A C 6F |
| K2204 | A C 6F |
| K2205 | A C 6F |
| K2206 | A C 6F |
| K2207 | A C 6F |
| K2208 | A C 6F |
| K2209 | A C 6F |
| K2210 | A C 6F |
| K2211 | A C 6F |
| K2212 | A C 6F |
| K2213 | A C 6F |
| K2214 | A C 6F |
| K2215 | A C 6F |
| K2216 | A C 6F |
| K2217 | A C 6F |
| K2218 | A C 5F |
| K2219 | A C 5F |
| K2220 | A C 5F |
| K2221 | A C 5F |
| S1401 | B C 3A |
| T1801 | A C 2B |
| TL1001 | B C 5F |
| TL1002 | B C 5F |
| TL1003 | B C 5F |
| TL1005 | B C 5F |
| TL1006 | B C 5F |
| TL1009 | B C 5F |
| TL1010 | B C 5F |
| TL1011 | B C 4F |
| TL1014 | B C 4F |
| TL1018 | B C 4F |
| TL1020 | B C 4F |
| TL1031 | B C 1D |
| TL1032 | B C 1D |
| TL1033 | B C 1D |
| TL1034 | B C 1D |
| TL1035 | B C 1D |
| TL1091 | B C 1F |
| TL1092 | B C 1E |
| TL1093 | B C 1E |
| TL1097 | B C 2E |
| TL1098 | B C 2E |
| TL1099 | B C 2E |
| TL1215 | B C 3A |
| TL1216 | B C 3A |
| TL1217 | B C 4B |
| TL1402 | A C 2E |
| TL1403 | A C 3D |
| TL1404 | A C 3E |
| TL1407 | A C 2E |
| TL1412 | A C 3E |
| TL1413 | A C 2D |
| TL1414 | A C 2D |
| TL1415 | A C 2D |
| TL1417 | A C 2D |
| TL1418 | A C 2D |
| TL1419 | A C 2D |
| TL1420 | A C 2D |
| TL1422 | B C 5C |
| TL1423 | B C 5C |
| TL1424 | B C 5C |
| TL1425 | B C 5C |
| TL1429 | B C 5E |
| TL1430 | B C 4E |
| TL1431 | B C 5E |
| TL1432 | B C 4E |
| TL1433 | B C 4E |
| TL1434 | B C 4E |
| TL1435 | B C 4E |
| TL1436 | A C 4C |
| TL1437 | A C 2D |
| TL1448 | A C 4C |
| TL1449 | A C 2C |
| TL1450 | A C 1C |
| TL1451 | A C 2C |
| TL1452 | A C 2C |
| TL1453 | A C 2C |
| TL1454 | A C 2C |
| TL1455 | A C 2C |
| TL1456 | A C 2C |
| TL1457 | A C 1C |
| TL1458 | A C 2C |
| TL1459 | A C 2C |
| TL1460 | A C 1C |
| TL1461 | A C 1C |
| TL1462 | A C 2C |
| TL1463 | A C 2C |
| TL1464 | A C 2C |
| TL1485 | A C 3C |
| TL1486 | A C 3C |
| TL1487 | A C 4C |
| TL1488 | A C 4C |
| TL1489 | B C 4E |
| TL1490 | A C 3E |
| TL1491 | A C 3E |
| TL1492 | A C 5A |
| TL1493 | A C 5A |
| TL1494 | A C 6A |
| TL1495 | A C 6A |
| TM1 | A C 1F |
| TM2 | A C 1F |
| TM3 | A C 6A |
| TM4 | A C 6A |
| TM5 | A C 7F |
| TM6 | A C 7F |
| TM7 | A C 1A |
| TM8 | A C 1A |
| X1401 | A C 2E |
| X1801 | B C 3B |

**JVC SERVICE & ENGINEERING COMPANY OF AMERICA**
DIVISION OF JVC AMERICAS CORP.
www.jvcservice.com(US Only)

**JVC CANADA INC.**
**Head office** : 21 Finchdene Square Scarborough, Ontario M1X 1A7 (416)293-1311

No.XA019SCH

Printed in Japan
WPC

# PARTS LIST

## [DR-M10SUS, DR-M10SUC,DR-M10SUJ]

* All printed circuit boards and its assemblies are not available as service parts.
* (x_) in a description column shows the number of the used part.

**Area Suffix**

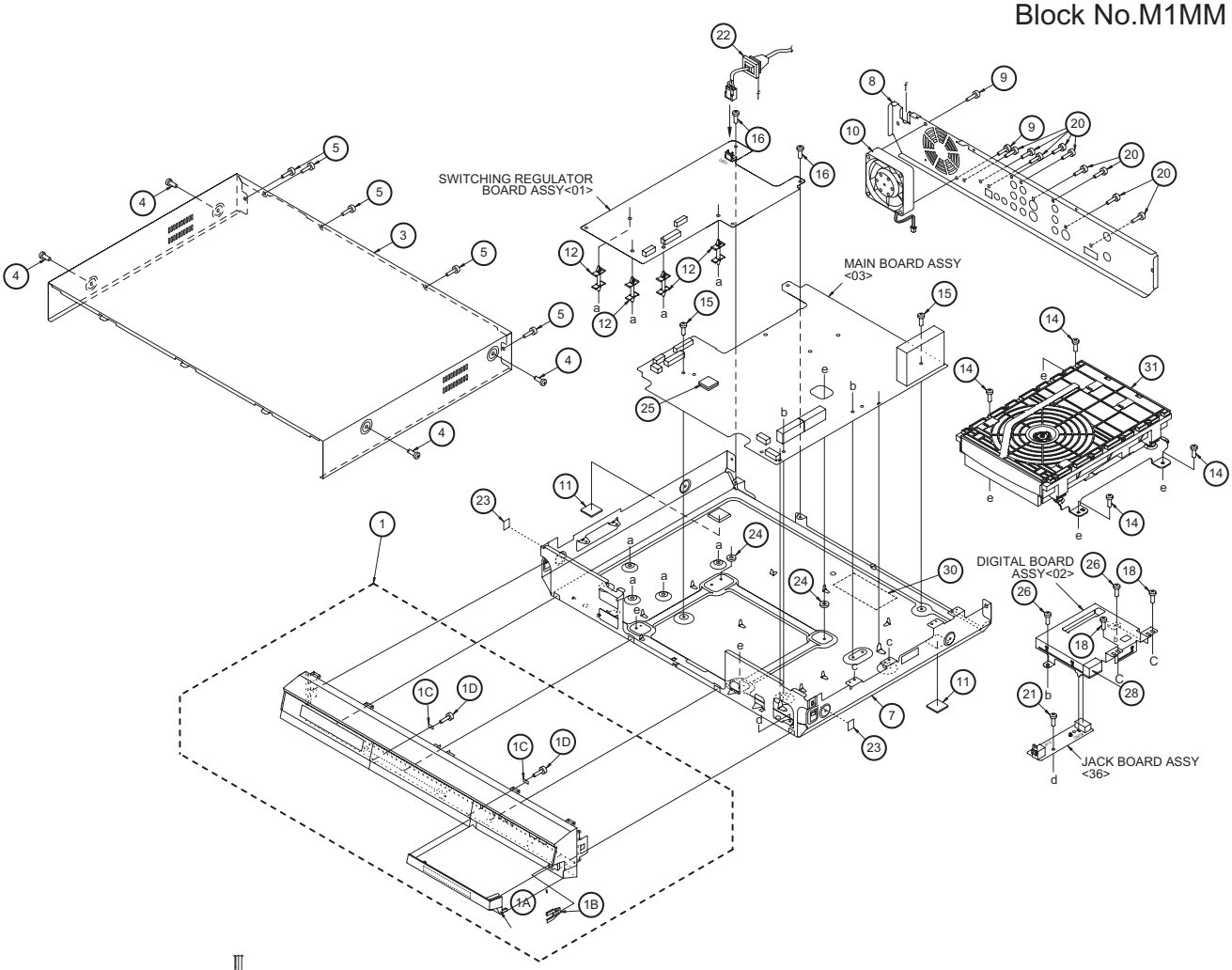
US ---------- U.S.A.
UC ---------- Canada
UJ ---------- U.S.A Militaly

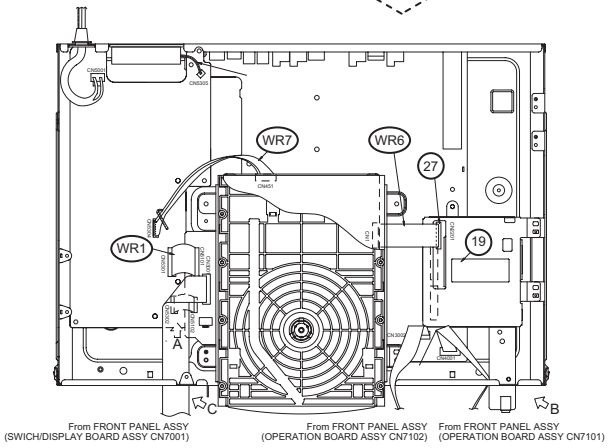
- Contents -


Exploded view of general assembly and parts list ---------- 3-2
DVD mechanism assembly and parts list ---------- 3-4
Electrical parts list ---------- 3-6
Packing materials and accessories parts list ---------- 3-16

# Exploded view of general assembly and parts list

Block No.M1MM





From FRONT PANEL ASSY
(SWICH/DISPLAY BOARD ASSY CN7001)
From FRONT PANEL ASSY
(OPERATION BOARD ASSY CN7102)
From FRONT PANEL ASSY
(OPERATION BOARD ASSY CN7101)

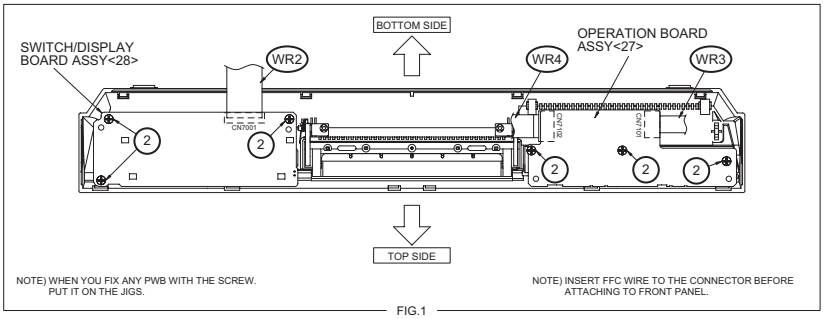



FIG.1

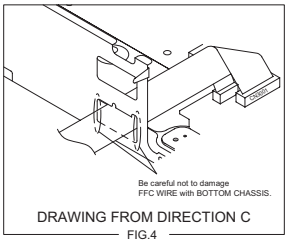



FIG.4

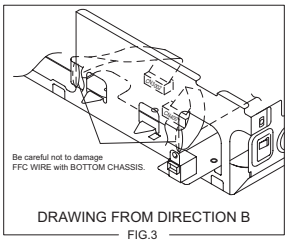



FIG.3

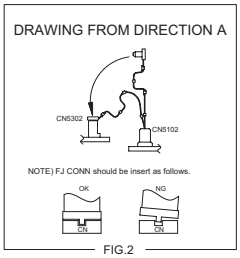



FIG.2

| MODEL | MARK |
|---|---|
| DR-M10SUC | A |
| DR-M10SUJ | B |
| DR-M10SUS | C |

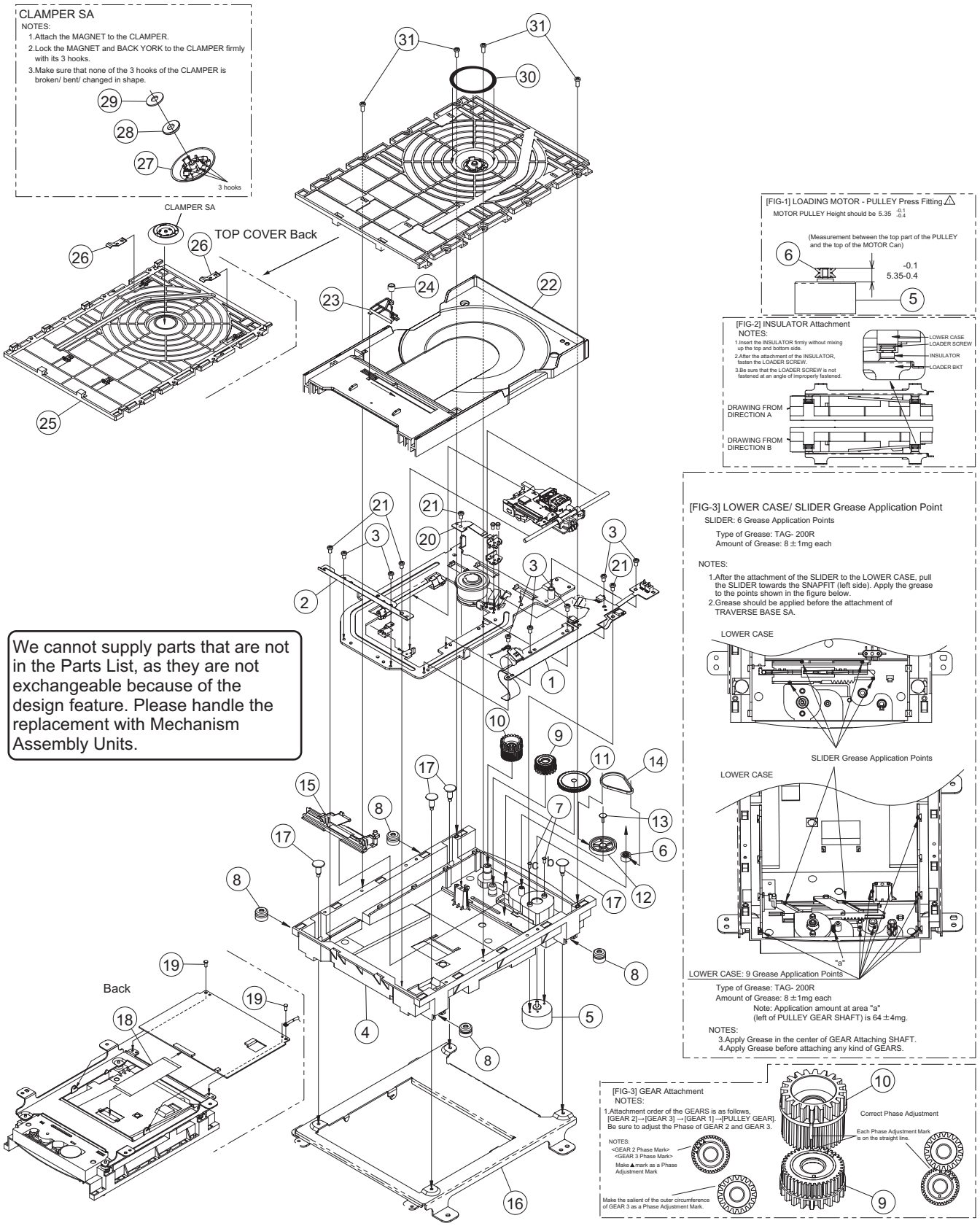
# General assembly

Block No. [M][1][M][M]

| ⚠ | Symbol No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|---|
| ⚠ | 1 | LP10533-003A | FRONT PANEL ASSY | | |
| | 1A | LP21252-001A | DOOR | | |
| | 1B | PU60109 | CATCHER | | |
| | 1C | LP31382-001A | STOPPER | (x2) | |
| | 1D | QYTDSF2608ZA | TAP SCREW | M2.6 x 8mm(x2) | |
| | 2 | QYTDSF2608ZA | TAP SCREW | M2.6 x 8mm(x6) | A,B |
| | 2 | QYTDSF2608Z | TAP SCREW | M2.6 x 8mm SW/DISP_OPERATION(x6) | C |
| ⚠ | 3 | LP21256-006A | METAL COVER | (SERVICE) | |
| | 4 | QYSBSG3006NA | TAP SCREW | M3 x 6mm TOP SIDE(x4) | |
| | 5 | QYSBSG3006NA | TAP SCREW | M3 x 6mm TOP REAR(x5) | |
| ⚠ | 7 | LP10538-002A | BOTTOM CHASSIS | | |
| ⚠ | 8 | LP21257-022A | REAR PANEL | | B |
| ⚠ | 8 | LP21257-009A | REAR PANEL | | A,C |
| | 9 | QYTDSF3008MA | TAP SCREW | M3 x 8mm FAN MOTOR(x2) | |
| | 10 | QAR0310-001 | FAN MOTOR | | |
| | 11 | LP31348-002A | FOOT | (x2) | |
| | 12 | PEME0946-08 | SPACER | (x4) | |
| | 14 | LP31391-001A | SPECIAL SCREW | DVD BRACKET(x4) | |
| | 15 | LP31391-001A | SPECIAL SCREW | MAIN(x2) | |
| | 16 | LP31391-001A | SPECIAL SCREW | SW.REG(x2) | |
| | 18 | QYSPSGG3006ZA | TAP SCREW | M3 x 6mm DIGITAL(x2) | |
| | 19 | LP31023-001A | BARCODE LABEL | | |
| | 20 | QYSBSGY3008MA | TAP SCREW | REAR JACK(x9) | |
| | 21 | LP31391-001A | SPECIAL SCREW | JACK | |
| ⚠ | 22 | QMP4A10-170-K | POWER CORD | 1.7m BLACK | B |
| ⚠ | 22 | QMPD190-170-K | POWER CORD | 1.7m BLACK | A,C |
| | 23 | LP30002-0G3A | SPACER | (x2) | A,C |
| | 24 | LP41173-001A | SPACER | (x2) | A,C |
| | 25 | LP30002-0G5A | SPACER | (x2) | A,C |
| | 26 | LP31391-001A | SPECIAL SCREW | DIGITAL(x2) | |
| | 27 | QQR1439-003 | FERRITE CORE | | |
| | 28 | LP41163-001A | SHIELD PLATE | | |
| | 30 | LP41162-001A | LABEL | | A,C |
| | 31 | PMD0100A | DVD MECHANISM ASSY | | |
| | WR1 | QUQ112-1907CJ | FFC WIRE | SW.REG CN5301-MAIN CN5101 | |
| | WR2 | QUQ112-1818CJ | FFC WIRE | DISPLAY CN7001-MAIN CN3001 | |
| | WR3 | QUQ112-0912CG | FFC WIRE | OPERATION CN7101-MAIN CN3002 | |
| | WR4 | QUQ112-1112CG | FFC WIRE | OPERATIOM CN7102-MAIN CN4001 | |
| | WR6 | QUQ105-4010AH | FFC WIRE | DVD UNIT-DIGITAL CN2201 | |
| | WR7 | QJJ015-071612 | WIRE | SW.REG CN5304-DVD UNIT | |

# DVD mechanism assembly and parts list

Block No.M2MM


CLAMPER SA
NOTES:
1.Attach the MAGNET to the CLAMPER.
2.Lock the MAGNET and BACK YORK to the CLAMPER firmly with its 3 hooks.
3.Make sure that none of the 3 hooks of the CLAMPER is broken/ bent/ changed in shape.
3 hooks
CLAMPER SA
TOP COVER Back
We cannot supply parts that are not in the Parts List, as they are not exchangeable because of the design feature. Please handle the replacement with Mechanism Assembly Units.
Back
[FIG-1] LOADING MOTOR - PULLEY Press Fitting
MOTOR PULLEY Height should be 5.35 -0.1 -0.4
(Measurement between the top part of the PULLEY and the top of the MOTOR Can)
-0.1
5.35-0.4
[FIG-2] INSULATOR Attachment
NOTES:
1.Insert the INSULATOR firmly without mixing up the top and bottom side.
2.After the attachment of the INSULATOR, fasten the LOADER SCREW.
3.Be sure that the LOADER SCREW is not fastened at an angle of improperly fastened.
LOWER CASE
LOADER SCREW
INSULATOR
LOADER BKT
DRAWING FROM DIRECTION A
DRAWING FROM DIRECTION B
[FIG-3] LOWER CASE/ SLIDER Grease Application Point
SLIDER: 6 Grease Application Points
Type of Grease: TAG- 200R
Amount of Grease: 8 ±1mg each
NOTES:
1.After the attachment of the SLIDER to the LOWER CASE, pull the SLIDER towards the SNAPFIT (left side). Apply the grease to the points shown in the figure below.
2.Grease should be applied before the attachment of TRAVERSE BASE SA.
LOWER CASE
SLIDER Grease Application Points
LOWER CASE
"a"
LOWER CASE: 9 Grease Application Points
Type of Grease: TAG- 200R
Amount of Grease: 8 ±1mg each
Note: Application amount at area "a" (left of PULLEY GEAR SHAFT) is 64 ±4mg.
NOTES:
3.Apply Grease in the center of GEAR Attaching SHAFT.
4.Apply Grease before attaching any kind of GEARS.
[FIG-3] GEAR Attachment
NOTES:
1.Attachment order of the GEARS is as follows, [GEAR 2]→[GEAR 3] →[GEAR 1] →[PULLEY GEAR]. Be sure to adjust the Phase of GEAR 2 and GEAR 3.
NOTES:
<GEAR 2 Phase Mark>
<GEAR 3 Phase Mark>
Make ▲mark as a Phase Adjustment Mark
Make the salient of the outer circumference of GEAR 3 as a Phase Adjustment Mark.
Correct Phase Adjustment
Each Phase Adjustment Mark is on the straight line.

# DVD mechanism

Block No. [M][2][M][M]

| ⚠ Symbol No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| 1 | LP41080-001A | FPC ASSY | | |
| 2 | LP41009-001A | BASE HOLDER | | |
| 3 | QYSDSP2604ZA | SCREW | M2.6 x 4mm(x7) | |
| 4 | LP10466-001B | LOWER CASE | | |
| 5 | QAR0296-001 | LOADING MOTOR | | |
| 6 | LP40998-001A | MOTOR PULLEY | | |
| 7 | LP41117-001A | SCREW | (x2) | |
| 8 | LP31204-001A | INSULATOR | (x4) | |
| 9 | LP41001-001A | GEAR 2 | | |
| 10 | LP41002-001A | GEAR 3 | | |
| 11 | LP41000-001B | GEAR 1 | | |
| 12 | LP40999-001A | PULLEY GEAR | | |
| 13 | LP41042-001A | SCREW | | |
| 14 | LP41015-001A | BELT | | |
| 15 | LP21146-001A | SLIDER | | |
| 16 | LP21150-001A | LOADER BRAKET | | |
| 17 | LP41019-001A | LOADER SCREW | (x4) | |
| 18 | LP41144-001A | FFC WIRE | | |
| 19 | QYSDST2606ZA | TAP SCREW | M2.6 x 6mm(x2) | |
| 20 | LP41008-001A | BASE SPRING | | |
| 21 | QYSDSF2606ZA | TAP SCREW | M2.6 x 6mm(x4) | |
| 22 | LP10467-001C | TRAY | | |
| 23 | LP31196-001A | SHUTTER GUIDE | | |
| 24 | LP40997-001A | CRTG SLEEVE | | |
| 25 | LP10465-001A | TOP COVER | | |
| 26 | LP41007-001A | CRTG. SPRING | (x2) | |
| 27 | LP31195-001A | CLAMPER | | |
| 28 | QQR1391-001 | P.C.MAGNET | | |
| 29 | LP41003-001A | BACK YOKE | | |
| 30 | LP41157-001A | COVER SHEET | | |
| 31 | QYSDSF2606ZA | TAP SCREW | M2.6 x 6mm(x4) | |

| MODEL | MARK |
|---|---|
| DR-M10SUC | A |
| DR-M10SUJ | B |
| DR-M10SUS | C |

# Electrical parts list

## Switching regulator board

Block No. [0][1]

| ⚠ Symbol No. | | Part No. | Part Name | Description | Local |
|---|---|---|---|---|---|
| PW1 | | LPA10235-05A | SWITCHING REGULATOR BOARD ASSY | | B |
| PW1 | | LPA10235-01B | SWITCHING REGULATOR BOARD ASSY | | A,C |
| IC5101 | | STR-G6653-F9 | IC | | |
| IC5301 | | UTCTL431-T | IC | | |
| IC5301 | or | MM1431AT-T | IC | | |
| IC5301 | or | L5431-T | IC | | |
| IC5301 | or | TL431/A/-T | IC | | |
| IC5302 | | PQ5EV3 | IC | | |
| IC5304 | | MM1565AF-X | IC | 5.0V Regulator | |
| IC5305 | | MM1662GH-X | IC | | |
| IC5306 | | MM1563EF-X | IC | 3.4V Regulator | |
| IC5307 | | MM1561JF-X | IC | 1.8V Regulator | |
| IC5308 | | MM1663DH-X | IC | | |
| Q5301 | | DTA114EKA-X | DIGI TRANSISTOR | | |
| Q5301 | or | UN2111-X | TRANSISTOR | | |
| Q5301 | or | RT1P141C-X | DIGI TRANSISTOR | | |
| Q5302 | | DTC114EKA-X | TRANSISTOR | | |
| Q5302 | or | UN2211-X | TRANSISTOR | | |
| Q5302 | or | RT1N141C-X | DIGI TRANSISTOR | | |
| Q5303 | | DTA114EKA-X | DIGI TRANSISTOR | | |
| Q5303 | or | UN2111-X | TRANSISTOR | | |
| Q5303 | or | RT1P141C-X | DIGI TRANSISTOR | | |
| Q5304 | | DTC114EKA-X | TRANSISTOR | | |
| Q5304 | or | UN2211-X | TRANSISTOR | | |
| Q5304 | or | RT1N141C-X | DIGI TRANSISTOR | | |
| Q5305 | | 2SD2144S/UV/-T | TRANSISTOR | | |
| Q5305 | or | 2SC3576-JVC-T | TRANSISTOR | | |
| Q5308 | | 2SD1858/QR/-T | TRANSISTOR | | |
| Q5310 | | 2SD2144S/UV/-T | TRANSISTOR | | |
| Q5310 | or | 2SC3576-JVC-T | TRANSISTOR | | |
| Q5313 | | 2SA1585S/QR/-T | TRANSISTOR | | |
| Q5314 | | DTC114EKA-X | TRANSISTOR | | |
| Q5314 | or | UN2211-X | TRANSISTOR | | |
| Q5314 | or | RT1N141C-X | DIGI TRANSISTOR | | |
| Q5315 | | 2SA1585S/QR/-T | TRANSISTOR | | |
| Q5316 | | 2SA1585S/QR/-T | TRANSISTOR | | B |
| Q5316 | | 2SB1068/KU/-T | TRANSISTOR | | A,C |
| Q5317 | | DTC114EKA-X | TRANSISTOR | | |
| Q5317 | or | UN2211-X | TRANSISTOR | | |
| Q5317 | or | RT1N141C-X | DIGI TRANSISTOR | | |
| ⚠ D5001 | | D3SBA60 | DIODE | | |
| ⚠ D5001 | or | GBJ4J | BRIDGE DIODE | | |
| D5101 | | 10ERB40-T2 | FR DIODE | | |
| D5101 | or | AU01-T2 | SI DIODE | | |
| D5101 | or | ERA18-04-T2 | FR DIODE | | |
| D5101 | or | 1SR153-400-T2 | FR DIODE | | |
| D5101 | or | 1F4G-T2 | FR DIODE | | |
| D5102 | | 10ERB40-T2 | FR DIODE | | |
| D5102 | or | AU01-T2 | SI DIODE | | |
| D5102 | or | ERA18-04-T2 | FR DIODE | | |
| D5102 | or | 1SR153-400-T2 | FR DIODE | | |
| D5102 | or | 1F4G-T2 | FR DIODE | | |
| D5103 | | 1F4G-T2 | FR DIODE | | |
| D5103 | or | 10ERB40-T2 | FR DIODE | | |
| D5103 | or | ERA18-02-T2 | FR DIODE | | |
| D5103 | or | AU01Z-T2 | FR DIODE | | |
| D5103 | or | 1SR153-400-T2 | FR DIODE | | |
| D5104 | | 1SS133-T2 | DIODE | | |
| D5104 | or | 1SS270A-T2 | SI DIODE | | |
| D5105 | | 10ERB40-T2 | FR DIODE | | |
| D5105 | or | ERA18-02-T2 | FR DIODE | | |
| D5105 | or | AU01Z-T2 | FR DIODE | | |
| D5105 | or | 1SR153-400-T2 | FR DIODE | | |
| D5105 | or | 1F4G-T2 | FR DIODE | | |
| D5106 | | 10ERB40-T2 | FR DIODE | | |
| D5106 | or | ERA18-02-T2 | FR DIODE | | |
| D5106 | or | AU01Z-T2 | FR DIODE | | |
| D5106 | or | 1SR153-400-T2 | FR DIODE | | |
| D5106 | or | 1F4G-T2 | FR DIODE | | |
| D5201 | | 10ERB40-T2 | FR DIODE | | |
| D5201 | or | ERA18-02-T2 | FR DIODE | | |
| D5202 | | RK34-LFB2 | SB DIODE | | |
| D5203 | | RK34-LFB2 | SB DIODE | | |
| D5204 | | RK34-LFB2 | SB DIODE | | |
| D5205 | | RL2Z-LFB2 | FRD | | |
| D5206 | | 1F4G-T2 | FR DIODE | | |
| D5206 | or | 10ERB40-T2 | FR DIODE | | |
| D5206 | or | ERA18-02-T2 | FR DIODE | | |
| D5206 | or | AU01Z-T2 | FR DIODE | | |
| D5206 | or | 1SR153-400-T2 | FR DIODE | | |
| D5207 | | 1F4G-T2 | FR DIODE | | |
| D5207 | or | 10ERB40-T2 | FR DIODE | | |
| D5207 | or | ERA18-02-T2 | FR DIODE | | |
| D5207 | or | AU01Z-T2 | FR DIODE | | |
| D5207 | or | 1SR153-400-T2 | FR DIODE | | |
| D5208 | | RK34-LFB2 | SB DIODE | | |
| D5209 | | RK34-LFB2 | SB DIODE | | |
| D5210 | | RK34-LFB2 | SB DIODE | | |
| D5211 | | 1F4G-T2 | FR DIODE | | |
| D5211 | or | 10ERB40-T2 | FR DIODE | | |
| D5211 | or | ERA18-02-T2 | FR DIODE | | |
| D5211 | or | AU01Z-T2 | FR DIODE | | |
| D5211 | or | 1SR153-400-T2 | FR DIODE | | |
| D5301 | | MTZJ15A-T2 | Z DIODE | | |
| D5301 | or | RD15ES/B1/-T2 | Z DIODE | | |
| D5302 | | MTZJ12B-T2 | Z DIODE | | |
| D5302 | or | RD12ES/B2/-T2 | Z DIODE | | |
| D5303 | | MTZJ11C-T2 | Z DIODE | | |
| D5303 | or | RD11ES/B3/-T2 | Z DIODE | | |
| D5304 | | MTZJ5.6C-T2 | Z DIODE | | |
| D5304 | or | RD5.6ES/B3/-T2 | Z DIODE | | |
| D5305 | | RL2Z-LFB2 | FRD | | |
| D5306 | | 1SS133-T2 | DIODE | | |
| D5306 | or | 1SS270A-T2 | SI DIODE | | |
| D5307 | | MTZJ27C-T2 | Z DIODE | | |
| D5307 | or | RD27ES/B3/-T2 | Z DIODE | | |
| D5308 | | RK34-LFB2 | SB DIODE | | |
| D5309 | | RK34-LFB2 | SB DIODE | | |
| D5310 | | RK34-LFB2 | SB DIODE | | |
| D5311 | | 1S4-T2 | SB DIODE | | |
| D5311 | or | AW04-T2 | SB DIODE | | |
| D5311 | or | SBO40-T2 | SB DIODE | | |
| D5311 | or | 11EQS04-T2 | SB DIODE | | |
| D5312 | | 1A3G-T2 | SI DIODE | | |
| D5312 | or | 10EDB20-T2 | SI DIODE | | |
| D5312 | or | ERA15-02-T2 | SI DIODE | | |
| D5313 | | 1S4-T2 | SB DIODE | | |
| D5313 | or | AW04-T2 | SB DIODE | | |
| D5313 | or | SBO40-T2 | SB DIODE | | |
| D5314 | | 1SS133-T2 | DIODE | | |
| D5314 | or | 1SS270A-T2 | SI DIODE | | |
| D5315 | | 1A3G-T2 | SI DIODE | | |
| D5315 | or | 10EDB20-T2 | SI DIODE | | |
| D5315 | or | ERA15-02-T2 | SI DIODE | | |
| D5316 | | RL2Z-LFB2 | FRD | | B |
| D5317 | | RK34-LFB2 | SB DIODE | | |
| D5318 | | 1A3G-T2 | SI DIODE | | |
| D5318 | or | 10EDB20-T2 | SI DIODE | | |
| D5318 | or | ERA15-02-T2 | SI DIODE | | |
| D5319 | | RL2Z | FRD | | A,C |
| ⚠ PC5101 | | PC123Y22FZ | PHOTO COUPLER | | |
| ⚠ C5001 | | QFZ9073-683 | MM CAPACITOR | 0.068uF AC250V M | |
| ⚠ C5002 | | QFZ9073-223 | MM CAPACITOR | 0.022uF AC250V M | |
| C5003 | | QEZ0374-107 | E CAPACITOR | 100uF 400V M | B |
| C5003 | | QEZ0639-337 | E CAPACITOR | 330uF 200V M | A,C |
| ⚠ C5004 | | QCZ9079-222 | C CAPACITOR | 2200pF AC250V M | B |
| ⚠ C5004 | | QCZ9079-472 | C CAPACITOR | 4700pF AC250V M | A,C |
| C5101 | | QCZ0339-101Z | C CAPACITOR | 100pF 1kV K | |
| C5102 | | QCZ0349-472Z | C CAPACITOR | 4700pF 1kV K | |
| C5103 | | QEMU1VM-276Z | E CAPACITOR | 27uF 35V M | |
| C5104 | | QCZ0136-471Z | C CAPACITOR | 470pF 1kV K | |

| MODEL | MARK |
|---|---|
| DR-M10SUC | A |
| DR-M10SUJ | B |
| DR-M10SUS | C |

| ⚠ Symbol No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| C5105 | QFLC1HJ-471Z | M CAPACITOR | 470pF 50V J | |
| C5106 | NCB31HK-103X | C CAPACITOR | 0.01uF 50V K | |
| C5107 | NCB31HK-221X | C CAPACITOR | 220pF 50V K | |
| C5201 | QEMX0JM-227Z | E CAPACITOR | 220uF 6.3V M | |
| C5202 | QEMT0JM-128 | E CAPACITOR | 1200uF 6.3V M | |
| C5203 | QEMT1AM-228 | E CAPACITOR | 2200uF 10V M | |
| C5204 | QEMT1CM-228 | E CAPACITOR | 2200uF 16V M | |
| C5205 | QETN2AM-475Z | E CAPACITOR | 4.7uF 100V M | |
| C5206 | QEMU1HM-186Z | E CAPACITOR | 18uF 50V M | |
| C5207 | QEMT1AM-228 | E CAPACITOR | 2200uF 10V M | |
| C5208 | QEMT1AM-228 | E CAPACITOR | 2200uF 10V M | |
| C5209 | QEMT1CM-687 | E CAPACITOR | 680uF 16V M | |
| C5301 | QFVF1HJ-154Z | MF CAPACITOR | 0.15uF 50V J | |
| C5302 | QFLC1HJ-333Z | M CAPACITOR | 0.033uF 50V J | |
| C5303 | NCF31AZ-105X | C CAPACITOR | 1uF 10V Z | |
| C5304 | QETN1AM-107Z | E CAPACITOR | 100uF 10V M | |
| C5305 | QETN1AM-107Z | E CAPACITOR | 100uF 10V M | |
| C5306 | QETN1CM-107Z | E CAPACITOR | 100uF 16V M | |
| C5307 | QETN1AM-107Z | E CAPACITOR | 100uF 10V M | |
| C5308 | QETN1CM-107Z | E CAPACITOR | 100uF 16V M | |
| C5309 | QETN1CM-107Z | E CAPACITOR | 100uF 16V M | |
| C5310 | QETN1HM-226Z | E CAPACITOR | 22uF 50V M | |
| C5311 | QETN1HM-226Z | E CAPACITOR | 22uF 50V M | |
| C5312 | QCBB1HK-103Y | C CAPACITOR | 0.01uF 50V K | |
| C5316 | QETN1AM-107Z | E CAPACITOR | 100uF 10V M | |
| C5317 | QETN1AM-107Z | E CAPACITOR | 100uF 10V M | |
| C5318 | NCB31HK-471X | C CAPACITOR | 470pF 50V K | |
| C5319 | NCF31AZ-105X | C CAPACITOR | 1uF 10V Z | |
| C5320 | NCB31HK-471X | C CAPACITOR | 470pF 50V K | |
| C5321 | QETN1HM-226Z | E CAPACITOR | 22uF 50V M | |
| C5322 | QETN1CM-107Z | E CAPACITOR | 100uF 16V M | |
| C5323 | QETN1HM-225Z | E CAPACITOR | 2.2uF 50V M | |
| C5324 | NCF31AZ-105X | C CAPACITOR | 1uF 10V Z | |
| C5325 | NCB31HK-471X | C CAPACITOR | 470pF 50V K | |
| C5326 | NCF31AZ-105X | C CAPACITOR | 1uF 10V Z | |
| C5327 | NCB31HK-471X | C CAPACITOR | 470pF 50V K | |
| C5329 | NCF31AZ-105X | C CAPACITOR | 1uF 10V Z | |
| C5330 | QETN1HM-226Z | E CAPACITOR | 22uF 50V M | |
| C5331 | NCB31HK-471X | C CAPACITOR | 470pF 50V K | |
| C5332 | QETN1HM-226Z | E CAPACITOR | 22uF 50V M | |
| ⚠ R5001 | QRZ9046-475Z | C RESISTOR | 4.7MΩ 1/2W K | A,C |
| R5101 | QRG02GJ-683 | OMF RESISTOR | 68kΩ 2W J | |
| R5102 | NRSA63J-122X | MG RESISTOR | 1.2kΩ 1/16W J | |
| R5103 | QRG02GJ-683 | OMF RESISTOR | 68kΩ 2W J | |
| R5104 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R5105 | QRE141J-680Y | C RESISTOR | 68Ω 1/4W J | |
| R5106 | NRSA63J-392X | MG RESISTOR | 3.9kΩ 1/16W J | |
| R5107 | NRSA63J-681X | MG RESISTOR | 680Ω 1/16W J | |
| R5108 | QRT01DJ-R33X | MF RESISTOR | 0.33Ω 1W J | |
| R5301 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J | |
| R5302 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R5303 | NRSA63J-152X | MG RESISTOR | 1.5kΩ 1/16W J | |
| R5304 | NRSA63D-682X | MG RESISTOR | 6.8kΩ 1/16W D | |
| R5305 | NRSA63D-223X | MG RESISTOR | 22kΩ 1/16W D | |
| R5306 | NRSA63D-392X | MG RESISTOR | 3.9kΩ 1/16W D | |
| R5307 | QRL02DJ-391X | OMF RESISTOR | 390Ω 2W J | |
| R5308 | QRL02DJ-391X | OMF RESISTOR | 390Ω 2W J | |
| R5310 | QRE141J-8R2Y | C RESISTOR | 8.2Ω 1/4W J | |
| ⚠ R5314 | QRZ9051-470X | FUSI RESISTOR | 47Ω 1/4W J | |
| R5317 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R5318 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R5319 | NRSA63D-302X | MG RESISTOR | 3kΩ 1/16W D | |
| R5320 | NRSA63D-472X | MG RESISTOR | 4.7kΩ 1/16W D | |
| R5321 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | |
| R5323 | NRSA63J-122X | MG RESISTOR | 1.2kΩ 1/16W J | |
| R5324 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R5327 | QRE141J-681Y | C RESISTOR | 680Ω 1/4W J | |
| R5328 | QRE141J-821Y | C RESISTOR | 820Ω 1/4W J | |
| R5329 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R5330 | NRSA02J-271X | MG RESISTOR | 270Ω 1/10W J | |
| R5331 | QRE141J-103Y | C RESISTOR | 10kΩ 1/4W J | |
| R5332 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | |
| R5333 | QRE123J-101X | C RESISTOR | 100Ω 1/2W J | |
| R5334 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R5335 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R5336 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R5337 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |

| ⚠ Symbol No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| L5201 | PELN1184 | CHOKE COIL | | |
| L5202 | PELN1184 | CHOKE COIL | | |
| L5203 | PELN1184 | CHOKE COIL | | |
| L5204 | PELN1184 | CHOKE COIL | | |
| L5205 | PELN1184 | CHOKE COIL | | |
| L5206 | PELN1184 | CHOKE COIL | | |
| ⚠ T5001 | QQS0263-001 | SW TRANSF | | |
| B5504 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| ⚠ CN5001 | QGA7901C3-02 | CONNECTOR | W-B (1-2) | |
| CN5301 | QGF1207C1-19 | CONNECTOR | FFC/FPC (1-19) | |
| CN5302 | QGB1231L1-09 | CONNECTOR | B-B (1-9) | |
| CN5304 | QGA2001C1-07 | CONNECTOR | W-B (1-7) | |
| CN5305 | QGA2001C1-02 | CONNECTOR | W-B (1-2) | |
| ⚠ CP5301 | QMFZ050-1R5X-E | FUSE | 1.5A 125V | |
| ⚠ F5001 | QMF51E2-1R6-J1 | FUSE | 1.6A AC250V | B |
| ⚠ F5001 | QMF51N2-1R6-J1 | FUSE | 1.6A AC250V | A,C |
| FC5001 | QNG0020-001Z | FUSE CLIP | | |
| FC5002 | QNG0020-001Z | FUSE CLIP | | |
| HS1 | PEME0889-01-01 | HEAT SINK | IC5101 | |
| K5102 | QQR0678-001Z | FERRITE BEADS | | |
| ⚠ LF5002 | QQR0908-001 | LINE FILTER | | |
| OT1 | QYTDST3008Z | TAP SCREW | M3 x 8mm IC5101 | |
| OT2 | LP31414-001A | PROTECT SHEET | | B |
| ST1 | PU59391 | STYLE PIN | | |
| ⚠ VA5001 | QAF0039-431Z | VARISTOR | 430V | A,C |

## Digital board

Block No. [0][2]

| ⚠ Symbol No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| PW1 | LPA10236-01C | DIGITAL BOARD ASSY | | B |
| PW1 | LPA10236-01B | DIGITAL BOARD ASSY | | A,C |
| IC1001 | JCP8059 | IC | | |
| IC1002 | HY57V161610DTC7 | IC | | |
| IC1002 or | K4S161622H-TC80 | IC | | |
| IC1002 or | MT48LC1M16A1TG8 | IC | | |
| IC1002 or | HY57V161610DTC8 | IC | | |
| IC1002 or | MT48LC1M16TG-7S | IC | | |
| IC1201 | MBPL65LMDRM10US | IC | (SERVICE) | |
| IC1202 | SN74LVC373APW-X | IC(DIGITAL) | | |
| IC1203 | SN74LVC373APW-X | IC(DIGITAL) | | |
| IC1401 | DMN8652-B0 | IC(DIGITAL) | | |
| IC1404 | SN74HCT08APW-X | IC | | |
| IC1405 | SN74LV08APW-X | IC | | |
| IC1601 | HY5DU561622CT-J | IC | | |
| IC1602 | HY5DU561622CT-J | IC | | |
| IC1701 | PQ015YZ01Z-X | IC | | |
| IC1801 | TSB41AB2PAP | IC | | |
| Q1001 | UN221E-X | TRANSTSTOR | | |
| Q1001 or | DTC144WKA-X | DIGI TRANSISTOR | | |
| Q1001 or | RT1N44HC-X | DIGI TRANSISTOR | | |
| Q1002 | 2SA1037AK/QR/-X | TRANSISTOR | | |
| Q1002 or | 2SA1530A/QR/-X | SI TRANSISTOR | | |
| Q1002 or | 2SB709A/QR/-X | TRANSISTOR | | |
| Q1003 | 2SA1037AK/QR/-X | TRANSISTOR | | |
| Q1003 or | 2SA1530A/QR/-X | SI TRANSISTOR | | |
| Q1003 or | 2SB709A/QR/-X | TRANSISTOR | | |
| Q1004 | 2SA1037AK/QR/-X | TRANSISTOR | | |
| Q1004 or | 2SA1530A/QR/-X | SI TRANSISTOR | | |
| Q1004 or | 2SB709A/QR/-X | TRANSISTOR | | |
| Q1005 | 2SA1037AK/QR/-X | TRANSISTOR | | |
| Q1005 or | 2SA1530A/QR/-X | SI TRANSISTOR | | |
| Q1005 or | 2SB709A/QR/-X | TRANSISTOR | | |
| Q1008 | UMZ1N-W | PAIR TRANSISTOR | | |
| Q1008 or | BC847PN-X | PAIR TRANSISTOR | | |
| Q1008 or | BC846PN-X | PAIR TRANSISTOR | | |
| Q1009 | 2SC2412K/QRS/-X | TRANSISTOR | | |
| Q1009 or | 2SC3928A/QRS/-X | TRANSISTOR | | |
| Q1009 or | 2SD601A/QRS/-X | TRANSISTOR | | |

| MODEL | MARK |
|---|---|
| DR-M10SUC | A |
| DR-M10SUJ | B |
| DR-M10SUS | C |

| ⚠ Symbol No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| Q1010 | 2SC2412K/QRS/-X | TRANSISTOR | | |
| Q1010 or | 2SC3928A/QRS/-X | TRANSISTOR | | |
| Q1010 or | 2SD601A/QRS/-X | TRANSISTOR | | |
| Q1011 | 2SC2412K/QRS/-X | TRANSISTOR | | |
| Q1011 or | 2SC3928A/QRS/-X | TRANSISTOR | | |
| Q1011 or | 2SD601A/QRS/-X | TRANSISTOR | | |
| D1001 | 1SS355-X | SI DIODE | | |
| D1001 or | MA111-X | SI DIODE | | |
| D1002 | 1SS355-X | SI DIODE | | |
| D1002 or | MA111-X | SI DIODE | | |
| D1401 | 1SS355-X | SI DIODE | | |
| D1401 or | MA111-X | SI DIODE | | |
| D1402 | 1SS355-X | SI DIODE | | |
| D1402 or | MA111-X | SI DIODE | | |
| D1403 | 1SS355-X | SI DIODE | | |
| D1403 or | MA111-X | SI DIODE | | |
| C1001 | NBE20JM-226X | TA E CAPACITOR | 22uF 6.3V M | |
| C1002 | NBE20JM-106X | TA E CAPACITOR | 10uF 6.3V M | |
| C1003 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1004 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1005 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1007 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1008 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1009 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1012 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1014 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1015 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1017 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1018 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1019 | NCB31EK-103X | C CAPACITOR | 0.01uF 25V K | |
| C1020 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1026 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1030 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1032 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1033 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1034 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1035 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1036 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1038 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1039 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1041 | NBE20JM-106X | TA E CAPACITOR | 10uF 6.3V M | |
| C1042 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1043 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1044 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1045 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1046 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1047 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1051 | NBE20JM-106X | TA E CAPACITOR | 10uF 6.3V M | |
| C1052 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1054 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1055 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1056 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1057 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1059 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1060 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1061 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1065 | NCB20JM-475X | C CAPACITOR | 4.7uF 6.3V M | |
| C1077 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1089 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1090 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1091 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1092 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1093 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1094 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1095 | NBE20JM-106X | TA E CAPACITOR | 10uF 6.3V M | |
| C1096 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1097 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1098 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1203 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1204 | NEH90JM-476X | E CAPACITOR | 47uF 6.3V M | |
| C1206 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1207 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1401 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1402 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1403 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1404 | NEH90JM-107X | E CAPACITOR | 100uF 6.3V M | B |

| ⚠ Symbol No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| C1404 | NEHS0JM-107X | E CAPACITOR | 100uF 6.3V M | A,C |
| C1405 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1406 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1407 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1408 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1409 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1410 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1411 | NEH90JM-107X | E CAPACITOR | 100uF 6.3V M | B |
| C1411 | NEHS0JM-107X | E CAPACITOR | 100uF 6.3V M | A,C |
| C1412 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1413 | NEH90JM-107X | E CAPACITOR | 100uF 6.3V M | B |
| C1413 | NEHS0JM-107X | E CAPACITOR | 100uF 6.3V M | A,C |
| C1414 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1416 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1417 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1418 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1420 | NBE20JM-106X | TA E CAPACITOR | 10uF 6.3V M | |
| C1421 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1422 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1423 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1424 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1425 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1426 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1427 | NBE20JM-106X | TA E CAPACITOR | 10uF 6.3V M | |
| C1428 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1429 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1430 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1431 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1432 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1433 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1435 | NBE20JM-106X | TA E CAPACITOR | 10uF 6.3V M | |
| C1436 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1437 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1438 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1439 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1440 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1441 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1442 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1443 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1444 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1445 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1446 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1447 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1448 | NCB31EK-103X | C CAPACITOR | 0.01uF 25V K | |
| C1449 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1450 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1452 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1453 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1455 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1457 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1458 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1601 | NBAD0GM-227X | OS E CAPACITOR | 220uF 2.5V M | |
| C1602 | NBAD0GM-227X | OS E CAPACITOR | 220uF 2.5V M | |
| C1605 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1606 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1607 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1608 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1609 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1610 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1611 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1612 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1613 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1614 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1615 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1616 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1617 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1618 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1619 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1620 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1621 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1622 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1623 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1624 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1625 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1638 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1640 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1642 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |

| MODEL | MARK |
|---|---|
| DR-M10SUC | A |
| DR-M10SUJ | B |
| DR-M10SUS | C |

| ⚠ Symbol No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| C1644 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1646 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1648 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1650 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1652 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1654 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1656 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1658 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1701 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1702 | NEH90JM-107X | E CAPACITOR | 100uF 6.3V M | B |
| C1702 | NEHS0JM-107X | E CAPACITOR | 100uF 6.3V M | A,C |
| C1703 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1704 | NEH90JM-107X | E CAPACITOR | 100uF 6.3V M | B |
| C1704 | NEHS0JM-107X | E CAPACITOR | 100uF 6.3V M | A,C |
| C1706 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1707 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1708 | NBE40JM-476X | TA E CAPACITOR | 47uF 6.3V M | |
| C1710 | NBE40JM-476X | TA E CAPACITOR | 47uF 6.3V M | |
| C1801 | NCB30JK-105X | C CAPACITOR | 1uF 6.3V K | |
| C1802 | NDC31HJ-271X | C CAPACITOR | 270pF 50V J | |
| C1803 | NBE20JM-106X | TA E CAPACITOR | 10uF 6.3V M | |
| C1804 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1805 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1806 | NBE20JM-106X | TA E CAPACITOR | 10uF 6.3V M | |
| C1807 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1808 | NDC31HJ-120X | C CAPACITOR | 12pF 50V J | |
| C1809 | NDC31HJ-120X | C CAPACITOR | 12pF 50V J | |
| C1811 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C1812 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C2201 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C2202 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| R1001 | NRSA63D-221X | MG RESISTOR | 220Ω 1/16W D | |
| R1002 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1003 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1004 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1005 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R1006 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1007 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R1009 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R1012 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1013 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R1014 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R1015 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| R1017 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1018 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1019 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1021 | NRSA63D-332X | MG RESISTOR | 3.3kΩ 1/16W D | |
| R1022 | NRSA63D-152X | MG RESISTOR | 1.5kΩ 1/16W D | |
| R1024 | NRSA63D-272X | MG RESISTOR | 2.7kΩ 1/16W D | |
| R1027 | NRSA63J-272X | MG RESISTOR | 2.7kΩ 1/16W J | |
| R1028 | NRSA63J-272X | MG RESISTOR | 2.7kΩ 1/16W J | |
| R1029 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1030 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R1031 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R1032 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R1033 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | |
| R1034 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R1035 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1036 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R1037 | NRSA63D-101X | MG RESISTOR | 100Ω 1/16W D | |
| R1038 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1039 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R1040 | NRSA63D-101X | MG RESISTOR | 100Ω 1/16W D | |
| R1041 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1042 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R1043 | NRSA63D-151X | MG RESISTOR | 150Ω 1/16W D | |
| R1044 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1045 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R1046 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R1047 | NRSA63D-221X | MG RESISTOR | 220Ω 1/16W D | |
| R1050 | NRSA63J-152X | MG RESISTOR | 1.5kΩ 1/16W J | |
| R1054 | NRSA63D-332X | MG RESISTOR | 3.3kΩ 1/16W D | |
| R1056 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R1057 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J | |
| R1059 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | |
| R1060 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J | |
| R1061 | NRSA63J-223X | MG RESISTOR | 22kΩ 1/16W J | |

| ⚠ Symbol No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| R1065 | NRSA63J-121X | MG RESISTOR | 120Ω 1/16W J | |
| R1066 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1067 | NRSA63J-121X | MG RESISTOR | 120Ω 1/16W J | |
| R1068 | NRSA63D-222X | MG RESISTOR | 2.2kΩ 1/16W D | |
| R1069 | NRSA63D-222X | MG RESISTOR | 2.2kΩ 1/16W D | |
| R1070 | NRSA63D-122X | MG RESISTOR | 1.2kΩ 1/16W D | |
| R1071 | NRSA63D-152X | MG RESISTOR | 1.5kΩ 1/16W D | |
| R1072 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1216 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1217 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1218 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1219 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1220 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1221 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1222 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1223 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R1224 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R1225 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R1226 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R1227 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1228 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1229 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R1230 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R1231 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R1401 | NRSA63F-1181X | MG RESISTOR | 1.18kΩ 1/16W F | |
| R1402 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1408 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R1409 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R1410 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R1411 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1412 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R1413 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R1414 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R1415 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R1416 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R1417 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R1419 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1420 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1427 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1428 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1429 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1430 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1431 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1434 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1435 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1436 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1437 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1438 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1439 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1440 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1441 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R1443 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R1444 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R1445 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1446 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1447 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1448 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1449 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1450 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1451 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1452 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1453 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1458 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1459 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1460 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1461 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1462 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1465 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1466 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1467 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1468 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1469 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R1470 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R1471 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1472 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1473 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1474 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1475 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |

| MODEL | MARK |
|---|---|
| DR-M10SUC | A |
| DR-M10SUJ | B |
| DR-M10SUS | C |

| ⚠ Symbol No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| R1476 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1477 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1478 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1479 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1480 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1481 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1482 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1491 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R1493 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1496 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R1497 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R1498 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R1601 | NRSA63J-100X | MG RESISTOR | 10Ω 1/16W J | |
| R1602 | NRSA63J-100X | MG RESISTOR | 10Ω 1/16W J | |
| R1603 | NRSA63J-100X | MG RESISTOR | 10Ω 1/16W J | |
| R1604 | NRSA63J-100X | MG RESISTOR | 10Ω 1/16W J | |
| R1605 | NRSA63J-470X | MG RESISTOR | 47Ω 1/16W J | |
| R1606 | NRSA63J-470X | MG RESISTOR | 47Ω 1/16W J | |
| R1607 | NRSA63J-470X | MG RESISTOR | 47Ω 1/16W J | |
| R1608 | NRSA63J-470X | MG RESISTOR | 47Ω 1/16W J | |
| R1613 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1614 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1615 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1616 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1617 | NRSA63J-270X | MG RESISTOR | 27Ω 1/16W J | |
| R1618 | NRSA63J-270X | MG RESISTOR | 27Ω 1/16W J | |
| R1619 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1620 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1621 | NRSA63J-270X | MG RESISTOR | 27Ω 1/16W J | |
| R1622 | NRSA63J-270X | MG RESISTOR | 27Ω 1/16W J | |
| R1623 | NRSA63J-270X | MG RESISTOR | 27Ω 1/16W J | |
| R1624 | NRSA63J-270X | MG RESISTOR | 27Ω 1/16W J | |
| R1625 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1626 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1627 | NRSA63J-270X | MG RESISTOR | 27Ω 1/16W J | |
| R1628 | NRSA63J-270X | MG RESISTOR | 27Ω 1/16W J | |
| R1642 | NRSA63J-100X | MG RESISTOR | 10Ω 1/16W J | |
| R1644 | NRSA63J-470X | MG RESISTOR | 47Ω 1/16W J | |
| R1649 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1650 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1651 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1652 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R1653 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1654 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1655 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1656 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1657 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R1658 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R1659 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R1660 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R1701 | NRSA63J-271X | MG RESISTOR | 270Ω 1/16W J | |
| R1702 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R1703 | NRSA63D-222X | MG RESISTOR | 2.2kΩ 1/16W D | |
| R1704 | NRSA63D-222X | MG RESISTOR | 2.2kΩ 1/16W D | |
| R1801 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1802 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1803 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R1804 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R1805 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1807 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R1809 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R1810 | NRSA63J-394X | MG RESISTOR | 390kΩ 1/16W J | |
| R1812 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R1813 | NRSA63J-560X | MG RESISTOR | 56Ω 1/16W J | |
| R1814 | NRSA63J-560X | MG RESISTOR | 56Ω 1/16W J | |
| R1815 | NRSA63J-560X | MG RESISTOR | 56Ω 1/16W J | |
| R1816 | NRSA63J-560X | MG RESISTOR | 56Ω 1/16W J | |
| R1817 | NRSA63J-512X | MG RESISTOR | 5.1kΩ 1/16W J | |
| R1818 | NRSA63D-562X | MG RESISTOR | 5.6kΩ 1/16W D | |
| R1819 | NRSA63D-751X | MG RESISTOR | 750Ω 1/16W D | |
| R1820 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R1821 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R1822 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R2201 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R2202 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R2203 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R2204 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J | |
| R2205 | NRSA63J-820X | MG RESISTOR | 82Ω 1/16W J | |
| R2206 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R2207 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R2208 | NRSA63J-820X | MG RESISTOR | 82Ω 1/16W J | |
| R2209 | NRSA63J-220X | MG RESISTOR | 22Ω 1/16W J | |
| R2210 | NRSA63J-820X | MG RESISTOR | 82Ω 1/16W J | |
| R2211 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J | |
| R2212 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J | |
| R2213 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J | |
| R2214 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J | |
| R2215 | NRSA63J-330X | MG RESISTOR | 33Ω 1/16W J | |
| RA1001 | NRZ0040-0R0X | NET RESISTOR | 0Ω 1/16W J | |
| RA1002 | NRZ0040-0R0X | NET RESISTOR | 0Ω 1/16W J | |
| RA1003 | NRZ0034-103W | NET RESISTOR | 10kΩ 1/32W J | |
| RA1004 | NRZ0034-103W | NET RESISTOR | 10kΩ 1/32W J | |
| RA1005 | NRZ0034-103W | NET RESISTOR | 10kΩ 1/32W J | |
| RA1006 | NRZ0034-103W | NET RESISTOR | 10kΩ 1/32W J | |
| RA1201 | NRZ0034-103W | NET RESISTOR | 10kΩ 1/32W J | |
| RA1202 | NRZ0034-103W | NET RESISTOR | 10kΩ 1/32W J | |
| RA1203 | NRZ0034-103W | NET RESISTOR | 10kΩ 1/32W J | |
| RA1204 | NRZ0034-103W | NET RESISTOR | 10kΩ 1/32W J | |
| RA1401 | NRZ0040-101X | NET RESISTOR | 100Ω 1/16W J | |
| RA1402 | NRZ0040-101X | NET RESISTOR | 100Ω 1/16W J | |
| RA1403 | NRZ0040-101X | NET RESISTOR | 100Ω 1/16W J | |
| RA1404 | NRZ0040-101X | NET RESISTOR | 100Ω 1/16W J | |
| RA1405 | NRZ0034-101W | NET RESISTOR | 100Ω 1/32W J | |
| RA1406 | NRZ0034-101W | NET RESISTOR | 100Ω 1/32W J | |
| RA1407 | NRZ0034-101W | NET RESISTOR | 100Ω 1/32W J | |
| RA1408 | NRZ0034-101W | NET RESISTOR | 100Ω 1/32W J | |
| RA1409 | NRZ0034-101W | NET RESISTOR | 100Ω 1/32W J | |
| RA1410 | NRZ0034-101W | NET RESISTOR | 100Ω 1/32W J | |
| RA1411 | NRZ0034-101W | NET RESISTOR | 100Ω 1/32W J | |
| RA1601 | NRZ0040-101X | NET RESISTOR | 100Ω 1/16W J | |
| RA1602 | NRZ0040-101X | NET RESISTOR | 100Ω 1/16W J | |
| RA1603 | NRZ0040-101X | NET RESISTOR | 100Ω 1/16W J | |
| RA1604 | NRZ0040-101X | NET RESISTOR | 100Ω 1/16W J | |
| RA1605 | NRZ0040-101X | NET RESISTOR | 100Ω 1/16W J | |
| RA1606 | NRZ0040-101X | NET RESISTOR | 100Ω 1/16W J | |
| RA1607 | NRZ0040-101X | NET RESISTOR | 100Ω 1/16W J | |
| RA1608 | NRZ0040-101X | NET RESISTOR | 100Ω 1/16W J | |
| RA1609 | NRZ0040-220X | NET RESISTOR | 22Ω 1/16W J x4 | |
| RA1610 | NRZ0040-220X | NET RESISTOR | 22Ω 1/16W J x4 | |
| RA1611 | NRZ0040-220X | NET RESISTOR | 22Ω 1/16W J x4 | |
| RA1612 | NRZ0040-220X | NET RESISTOR | 22Ω 1/16W J x4 | |
| RA1613 | NRZ0040-220X | NET RESISTOR | 22Ω 1/16W J x4 | |
| RA1614 | NRZ0040-220X | NET RESISTOR | 22Ω 1/16W J x4 | |
| RA1615 | NRZ0040-220X | NET RESISTOR | 22Ω 1/16W J x4 | |
| RA1616 | NRZ0040-220X | NET RESISTOR | 22Ω 1/16W J x4 | |
| RA1617 | NRZ0040-101X | NET RESISTOR | 100Ω 1/16W J | |
| RA1618 | NRZ0040-101X | NET RESISTOR | 100Ω 1/16W J | |
| RA1619 | NRZ0040-101X | NET RESISTOR | 100Ω 1/16W J | |
| RA1620 | NRZ0040-101X | NET RESISTOR | 100Ω 1/16W J | |
| RA1621 | NRZ0040-101X | NET RESISTOR | 100Ω 1/16W J | |
| RA1622 | NRZ0040-101X | NET RESISTOR | 100Ω 1/16W J | |
| RA1623 | NRZ0040-101X | NET RESISTOR | 100Ω 1/16W J | |
| RA1624 | NRZ0040-101X | NET RESISTOR | 100Ω 1/16W J | |
| RA1625 | NRZ0040-100X | NET RESISTOR | 10Ω 1/16W J | |
| RA1626 | NRZ0040-100X | NET RESISTOR | 10Ω 1/16W J | |
| RA1627 | NRZ0040-100X | NET RESISTOR | 10Ω 1/16W J | |
| RA1628 | NRZ0040-100X | NET RESISTOR | 10Ω 1/16W J | |
| RA1629 | NRZ0040-470X | NET RESISTOR | 47Ω 1/16W J x4 | |
| RA1630 | NRZ0040-470X | NET RESISTOR | 47Ω 1/16W J x4 | |
| RA1631 | NRZ0040-470X | NET RESISTOR | 47Ω 1/16W J x4 | |
| RA1632 | NRZ0040-470X | NET RESISTOR | 47Ω 1/16W J x4 | |
| RA1801 | NRZ0034-103W | NET RESISTOR | 10kΩ 1/32W J | |
| RA1802 | NRZ0034-103W | NET RESISTOR | 10kΩ 1/32W J | |
| RA2201 | NRZ0040-0R0X | NET RESISTOR | 0Ω 1/16W J | |
| RA2202 | NRZ0040-0R0X | NET RESISTOR | 0Ω 1/16W J | |
| RA2203 | NRZ0040-0R0X | NET RESISTOR | 0Ω 1/16W J | |
| RA2204 | NRZ0040-0R0X | NET RESISTOR | 0Ω 1/16W J | |
| RA2205 | NRZ0040-0R0X | NET RESISTOR | 0Ω 1/16W J | |
| RA2206 | NRZ0040-0R0X | NET RESISTOR | 0Ω 1/16W J | |
| RA2207 | NRZ0040-0R0X | NET RESISTOR | 0Ω 1/16W J | |
| RA2208 | NRZ0040-330X | NET RESISTOR | 33Ω 1/16W J x4 | |
| RA2209 | NRZ0040-330X | NET RESISTOR | 33Ω 1/16W J x4 | |
| RA2210 | NRZ0040-330X | NET RESISTOR | 33Ω 1/16W J x4 | |
| RA2211 | NRZ0040-330X | NET RESISTOR | 33Ω 1/16W J x4 | |
| L1004 | NQL144K-100X | P COIL | 0.30Ω 10uH K | |

| MODEL | MARK |
|---|---|
| DR-M10SUC | A |
| DR-M10SUJ | B |
| DR-M10SUS | C |

| ⚠ Symbol No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| L1801 | NQL144K-100X | P COIL | 0.30Ω 10uH K | |
| T1801 | NQR0444-001X | CHOKE COIL | | |
| B1001 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| B1007 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| B1008 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| B1204 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| B1208 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| B1802 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| CN1001 | QGB2027L6-28X | CONNECTOR | B-B (1-28) | |
| CN1002 | QGB2027L6-28X | CONNECTOR | B-B (1-28) | |
| CN1402 | QGA2001C2-04V | CONNECTOR | W-B (1-4) | |
| CN1403 | QGF1016C2-04W | CONNECTOR | FFC/FPC (1-4) | |
| CN1801 | QGB2027L1-10X | CONNECTOR | B-B (1-10) | |
| CN2201 | QGF0539C1-40W | CONNECTOR | FFC/FPC (1-40) | |
| K1001 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K1002 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| K1003 | NQR0129-002X | FERRITE BEADS | | |
| K1004 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| K1005 | NQR0129-002X | FERRITE BEADS | | |
| K1006 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| K1007 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| K1008 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| K1009 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| K1010 | NQR0129-002X | FERRITE BEADS | | |
| K1011 | NQR0129-002X | FERRITE BEADS | | |
| K1012 | NQR0129-002X | FERRITE BEADS | | |
| K1013 | NQR0129-002X | FERRITE BEADS | | |
| K1014 | NQR0129-002X | FERRITE BEADS | | |
| K1015 | NQR0129-002X | FERRITE BEADS | | |
| K1016 | NQR0129-002X | FERRITE BEADS | | |
| K1017 | NQR0129-002X | FERRITE BEADS | | |
| K1018 | NQR0129-002X | FERRITE BEADS | | |
| K1019 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K1020 | NQR0129-002X | FERRITE BEADS | | |
| K1201 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| K1401 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K1402 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K1403 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K1404 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K1406 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K1407 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K1408 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K1701 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K1702 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K1801 | NRSA02J-0R0X | MG RESISTOR | 0Ω 1/10W J | |
| K2201 | NQR0129-002X | FERRITE BEADS | | |
| K2202 | NQR0129-002X | FERRITE BEADS | | |
| K2203 | NQR0129-002X | FERRITE BEADS | | |
| K2204 | NQR0129-002X | FERRITE BEADS | | |
| K2205 | NQR0129-002X | FERRITE BEADS | | |
| K2206 | NQR0129-002X | FERRITE BEADS | | |
| K2207 | NQR0129-002X | FERRITE BEADS | | |
| K2208 | NQR0129-002X | FERRITE BEADS | | |
| K2209 | NQR0129-002X | FERRITE BEADS | | |
| K2210 | NQR0129-002X | FERRITE BEADS | | |
| K2211 | NQR0129-002X | FERRITE BEADS | | |
| K2212 | NQR0129-002X | FERRITE BEADS | | |
| K2213 | NQR0129-002X | FERRITE BEADS | | |
| K2214 | NQR0129-002X | FERRITE BEADS | | |
| K2215 | NQR0129-002X | FERRITE BEADS | | |
| K2216 | NQR0129-002X | FERRITE BEADS | | |
| K2217 | NQR0129-002X | FERRITE BEADS | | |
| K2218 | NQR0129-002X | FERRITE BEADS | | |
| K2219 | NQR0129-002X | FERRITE BEADS | | |
| K2220 | NQR0129-002X | FERRITE BEADS | | |
| K2221 | NQR0129-002X | FERRITE BEADS | | |
| LC1401 | NQR0415-002X | EMI FILTER | 1uF 16V Z | |
| LC1402 | NQR0415-002X | EMI FILTER | 1uF 16V Z | |
| LC1403 | NQR0415-002X | EMI FILTER | 1uF 16V Z | |
| OT1 | LC41656-001A | COOLING SHEET | IC1401 | |
| SD1 | LP21258-001A | SHIELD CASE | | |
| X1401 | NAX0580-001X | CXO | 27.0000MHz | |
| X1801 | NAX0666-001X | CRYSTAL | 24.576000MHz | |

# Main board

Block No. [0][3]

| ⚠ Symbol No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| PW1 | LPA10230-07A1 | MAIN BOARD ASSY | | B |
| PW1 | LPA10230-01B1 | MAIN BOARD ASSY | | A,C |
| IC3001 | HD6432194SXD43F | IC(MCU) | MASK | |
| IC3002 | IC-PST3427U-X | IC | | |
| IC3004 | LPN0863-001B-11 | IC(EEPROM) | (SERVICE) | |
| IC4001 | JCP8038-I | IC | | |
| IC4001 or | JCP8038 | IC | | |
| IC4003 | MM1503XN-X | IC | | |
| IC4101 | MM1623XF-X | IC | | |
| IC6501 | AN5832SA-W | IC | | |
| IC8001 | AK5365VQ | IC | | |
| IC8201 | AK4385VT-X | IC | | |
| IC8201 or | AK4381VT-X | IC | | |
| IC8202 | BA15218F-XE | IC | | |
| IC8501 | SN74LV08APW-X | IC | | |
| Q3004 | 2SD601A/QRS/-X | TRANSISTOR | | |
| Q3004 or | 2SC2412K/QRS/-X | TRANSISTOR | | |
| Q3004 or | 2SC3928A/QRS/-X | TRANSISTOR | | |
| Q3009 | UN221E-X | TRANSTSTOR | | |
| Q3009 or | DTC144WKA-X | DIGI TRANSISTOR | | |
| Q3009 or | RT1N44HC-X | DIGI TRANSISTOR | | |
| Q3010 | UN221E-X | TRANSTSTOR | | |
| Q3010 or | DTC144WKA-X | DIGI TRANSISTOR | | |
| Q3010 or | RT1N44HC-X | DIGI TRANSISTOR | | |
| Q3901 | UN221E-X | TRANSTSTOR | | |
| Q3901 or | DTC144WKA-X | DIGI TRANSISTOR | | |
| Q3901 or | RT1N44HC-X | DIGI TRANSISTOR | | |
| Q4001 | 2SA1037AK/QR/-X | TRANSISTOR | | |
| Q4001 or | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q4001 or | 2SB709A/QR/-X | TRANSISTOR | | |
| Q4003 | 2SC2412K/QRS/-X | TRANSISTOR | | |
| Q4003 or | 2SC3928A/QRS/-X | TRANSISTOR | | |
| Q4003 or | 2SD601A/QRS/-X | TRANSISTOR | | |
| Q4004 | 2SA1037AK/QR/-X | TRANSISTOR | | |
| Q4004 or | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q4004 or | 2SB709A/QR/-X | TRANSISTOR | | |
| Q4006 | 2SC2412K/QRS/-X | TRANSISTOR | | |
| Q4006 or | 2SC3928A/QRS/-X | TRANSISTOR | | |
| Q4101 | 2SB709A/QR/-X | TRANSISTOR | | |
| Q4101 or | 2SA1037AK/QR/-X | TRANSISTOR | | |
| Q4101 or | 2SA1530A/QR/-X | TRANSISTOR | | |
| Q6030 | 2SA1037AK/QR/-X | TRANSISTOR | | |
| Q6030 or | 2SB709A/QR/-X | TRANSISTOR | | |
| Q6030 or | 2SA1530A/QR/-X | SI TRANSISTOR | | |
| Q7201 | 2SC1317/RS/-T | TRANSISTOR | | |
| Q8203 | 2SC2412K/QRS/-X | TRANSISTOR | | |
| Q8203 or | 2SD601A/QRS/-X | TRANSISTOR | | |
| Q8203 or | 2SC3928A/QRS/-X | TRANSISTOR | | |
| Q8205 | 2SC2412K/QRS/-X | TRANSISTOR | | |
| Q8205 or | 2SD601A/QRS/-X | TRANSISTOR | | |
| Q8205 or | 2SC3928A/QRS/-X | TRANSISTOR | | |
| Q8207 | UN221E-X | TRANSTSTOR | | |
| Q8207 or | DTC144WKA-X | DIGI TRANSISTOR | | |
| Q8207 or | RT1N44HC-X | DIGI TRANSISTOR | | |
| Q8208 | UN211E-X | DIGI TRANSISTOR | | |
| Q8208 or | DTA144WKA-X | TRANSISTOR | | |
| Q8208 or | RT1P44HC-X | DIGI TRANSISTOR | | |
| D3002 | 1SS133-T2 | DIODE | | |
| D3002 or | 1SS270A-T2 | SI DIODE | | |
| D3003 | RD39ES/B3/-T2 | Z DIODE | | |
| D3003 or | MTZJ39C-T2 | Z DIODE | | |
| D3004 | 10EDB20-T2 | SI DIODE | | |
| D3004 or | 1A3G-T2 | SI DIODE | | |
| D3005 | 10EDB20-T2 | SI DIODE | | |
| D3005 or | 1A3G-T2 | SI DIODE | | |
| D3007 | 1SS355-X | SI DIODE | | |
| D3007 or | MA111-X | SI DIODE | | |
| D4001 | DA204U-X | SI DIODE | | |
| D4002 | DA204U-X | SI DIODE | | |
| D6002 | HZ30-2L-T2 | Z DIODE | | |
| D6002 or | HZ30-2LTD | Z DIODE | | |

| MODEL | MARK |
|---|---|
| DR-M10SUC | A |
| DR-M10SUJ | B |
| DR-M10SUS | C |

| ⚠ Symbol No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| D7042 | 1SS133-T2 | DIODE | | C |
| D7042 or | 1SS270A-T2 | SI DIODE | | C |
| D7043 | SDPB3DC0 | LED | | C |
| D8001 | 1SS355-X | SI DIODE | | |
| D8001 or | MA111-X | SI DIODE | | |
| C3007 | NCB30JK-105X | C CAPACITOR | 1uF 6.3V K | |
| C3010 | QEZ0244-229 | EDL CAPACITOR | 0.022F 5.5V Z | |
| C3014 | QEKJ0JM-476Z | E CAPACITOR | 47uF 6.3V M | |
| C3015 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3016 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3022 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3024 | NDC31HJ-220X | C CAPACITOR | 22pF 50V J | B |
| C3024 | NDC31HJ-120X | C CAPACITOR | 12pF 50V J | A,C |
| C3025 | QAT3725-300Z | TRIM CAPACITOR | 30pF TIMER CLOCK | B |
| C3027 | QEKJ1EM-106Z | E CAPACITOR | 10uF 25V M | |
| C3030 | QEKJ0JM-476Z | E CAPACITOR | 47uF 6.3V M | |
| C3031 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3032 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3033 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3036 | NDC31HJ-180X | C CAPACITOR | 18pF 50V J | |
| C3037 | NDC31HJ-120X | C CAPACITOR | 12pF 50V J | |
| C3038 | QEKJ0JM-476Z | E CAPACITOR | 47uF 6.3V M | |
| C3039 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3041 | NDC31HJ-180X | C CAPACITOR | 18pF 50V J | A,C |
| C3042 | QETN0JM-477Z | E CAPACITOR | 470uF 6.3V M | |
| C3050 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C3051 | NCB31HK-272X | C CAPACITOR | 2700pF 50V K | |
| C3054 | NCB31EK-103X | C CAPACITOR | 0.01uF 25V K | |
| C4001 | QEKJ0JM-476Z | E CAPACITOR | 47uF 6.3V M | |
| C4002 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C4003 | NCF31AZ-105X | C CAPACITOR | 1uF 10V Z | |
| C4005 | NCB31EK-103X | C CAPACITOR | 0.01uF 25V K | |
| C4006 | NCB31EK-103X | C CAPACITOR | 0.01uF 25V K | |
| C4008 | NCF31AZ-105X | C CAPACITOR | 1uF 10V Z | |
| C4010 | NCB31EK-103X | C CAPACITOR | 0.01uF 25V K | |
| C4012 | NCB31EK-103X | C CAPACITOR | 0.01uF 25V K | |
| C4013 | NCF31AZ-105X | C CAPACITOR | 1uF 10V Z | |
| C4015 | NCB31EK-103X | C CAPACITOR | 0.01uF 25V K | |
| C4016 | NCB31EK-103X | C CAPACITOR | 0.01uF 25V K | |
| C4018 | NCF31AZ-105X | C CAPACITOR | 1uF 10V Z | |
| C4019 | NCF31AZ-105X | C CAPACITOR | 1uF 10V Z | |
| C4021 | NCB31EK-103X | C CAPACITOR | 0.01uF 25V K | |
| C4022 | NCB31EK-103X | C CAPACITOR | 0.01uF 25V K | |
| C4023 | NCB31EK-103X | C CAPACITOR | 0.01uF 25V K | |
| C4024 | NCB31EK-103X | C CAPACITOR | 0.01uF 25V K | |
| C4025 | NCB31EK-103X | C CAPACITOR | 0.01uF 25V K | |
| C4026 | NCB31EK-103X | C CAPACITOR | 0.01uF 25V K | |
| C4027 | NCF31AZ-105X | C CAPACITOR | 1uF 10V Z | |
| C4028 | QEKJ1EM-106Z | E CAPACITOR | 10uF 25V M | |
| C4029 | QEKJ0JM-476Z | E CAPACITOR | 47uF 6.3V M | |
| C4030 | NCB31EK-103X | C CAPACITOR | 0.01uF 25V K | |
| C4033 | NCB31EK-103X | C CAPACITOR | 0.01uF 25V K | |
| C4034 | QEKJ1HM-475Z | E CAPACITOR | 4.7uF 50V M | |
| C4035 | NCB31EK-103X | C CAPACITOR | 0.01uF 25V K | |
| C4036 | NCB31EK-103X | C CAPACITOR | 0.01uF 25V K | |
| C4037 | NCB31EK-103X | C CAPACITOR | 0.01uF 25V K | |
| C4039 | NCB31EK-103X | C CAPACITOR | 0.01uF 25V K | |
| C4040 | NCB31EK-103X | C CAPACITOR | 0.01uF 25V K | |
| C4041 | NCB31EK-103X | C CAPACITOR | 0.01uF 25V K | |
| C4043 | NCB31EK-104X | C CAPACITOR | 0.1uF 25V K | |
| C4045 | QEKJ1HM-225Z | E CAPACITOR | 2.2uF 50V M | |
| C4046 | NCB31EK-103X | C CAPACITOR | 0.01uF 25V K | |
| C4047 | NCB31EK-103X | C CAPACITOR | 0.01uF 25V K | |
| C4049 | NDC31HJ-120X | C CAPACITOR | 12pF 50V J | |
| C4050 | NDC31HJ-820X | C CAPACITOR | 82pF 50V J | |
| C4055 | NCB31EK-104X | C CAPACITOR | 0.1uF 25V K | |
| C4056 | NCB31EK-103X | C CAPACITOR | 0.01uF 25V K | |
| C4058 | QEKJ1HM-474Z | E CAPACITOR | 0.47uF 50V M | |
| C4059 | QEKJ1HM-474Z | E CAPACITOR | 0.47uF 50V M | |
| C4061 | NCB31EK-103X | C CAPACITOR | 0.01uF 25V K | |
| C4065 | QEKJ0JM-476Z | E CAPACITOR | 47uF 6.3V M | |
| C4067 | NDC31HJ-151X | C CAPACITOR | 150pF 50V J | |
| C4068 | NCB31HK-102X | C CAPACITOR | 1000pF 50V K | |
| C4069 | NDC31HJ-821X | C CAPACITOR | 820pF 50V J | |
| C4070 | NDC31HJ-221X | C CAPACITOR | 220pF 50V J | |
| C4071 | NCB31EK-103X | C CAPACITOR | 0.01uF 25V K | |
| C4072 | QEKJ0JM-107Z | E CAPACITOR | 100uF 6.3V M | |
| C4073 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| C4076 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| C4077 | NCB31EK-103X | C CAPACITOR | 0.01uF 25V K | |
| C4084 | NCF31EZ-104X | C CAPACITOR | 0.1uF 25V Z | |
| C4085 | NCB31HK-681X | C CAPACITOR | 680pF 50V K | |
| C4087 | NCB31HK-681X | C CAPACITOR | 680pF 50V K | |
| C4089 | NCB31HK-681X | C CAPACITOR | 680pF 50V K | |
| C4091 | NCB31HK-681X | C CAPACITOR | 680pF 50V K | |
| C4101 | NCB31EK-103X | C CAPACITOR | 0.01uF 25V K | |
| C4102 | NCB31EK-103X | C CAPACITOR | 0.01uF 25V K | |
| C4103 | NCF31AZ-105X | C CAPACITOR | 1uF 10V Z | |
| C4104 | QEKJ1CM-226Z | E CAPACITOR | 22uF 16V M | |
| C4105 | NCF31AZ-105X | C CAPACITOR | 1uF 10V Z | |
| C4106 | NCF31AZ-105X | C CAPACITOR | 1uF 10V Z | |
| C4107 | NCF31AZ-105X | C CAPACITOR | 1uF 10V Z | |
| C4108 | QETN0JM-227Z | E CAPACITOR | 220uF 6.3V M | |
| C4109 | NCB31EK-103X | C CAPACITOR | 0.01uF 25V K | |
| C4115 | NCB31EK-103X | C CAPACITOR | 0.01uF 25V K | |
| C4116 | QETN0JM-108Z | E CAPACITOR | 1000uF 6.3V M | |
| C4117 | NCB31EK-103X | C CAPACITOR | 0.01uF 25V K | |
| C4118 | QETN0JM-108Z | E CAPACITOR | 1000uF 6.3V M | |
| C4119 | QETN0JM-108Z | E CAPACITOR | 1000uF 6.3V M | |
| C4120 | QETN0JM-477Z | E CAPACITOR | 470uF 6.3V M | |
| C4121 | QETN0JM-477Z | E CAPACITOR | 470uF 6.3V M | |
| C4123 | NDC31HJ-120X | C CAPACITOR | 12pF 50V J | |
| C4124 | NDC31HJ-6R0X | C CAPACITOR | 6pF 50V J | |
| C6501 | QEKJ1EM-106Z | E CAPACITOR | 10uF 25V M | |
| C6502 | QEKJ1HM-334Z | E CAPACITOR | 0.33uF 50V M | |
| C6503 | QEKJ1HM-335Z | E CAPACITOR | 3.3uF 50V M | |
| C6504 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C6506 | NCB31HK-223X | C CAPACITOR | 0.022uF 50V K | |
| C6507 | NCB31EK-104X | C CAPACITOR | 0.1uF 25V K | |
| C6508 | NCB31CK-333X | C CAPACITOR | 0.033uF 16V K | |
| C6509 | QEKJ1HM-225Z | E CAPACITOR | 2.2uF 50V M | |
| C6510 | QEKJ1HM-334Z | E CAPACITOR | 0.33uF 50V M | |
| C6511 | NCB31HK-104X | C CAPACITOR | 0.1uF 50V K | |
| C6512 | NCB31CK-224X | C CAPACITOR | 0.22uF 16V K | |
| C6514 | NCB31HK-102X | C CAPACITOR | 1000pF 50V K | |
| C6515 | QEKJ1HM-475Z | E CAPACITOR | 4.7uF 50V M | |
| C6516 | QEKJ1HM-225Z | E CAPACITOR | 2.2uF 50V M | |
| C6519 | QETJ1EM-476Z | E CAPACITOR | 47uF 25V M | |
| C6520 | QEKJ1HM-225Z | E CAPACITOR | 2.2uF 50V M | |
| C6521 | QEKJ1EM-106Z | E CAPACITOR | 10uF 25V M | |
| C6522 | QEKJ1EM-106Z | E CAPACITOR | 10uF 25V M | |
| C6523 | QEKJ1HM-225Z | E CAPACITOR | 2.2uF 50V M | |
| C7202 | QETJ0JM-477Z | E CAPACITOR | 470uF 6.3V M | |
| C8005 | QEKJ1HM-105Z | E CAPACITOR | 1uF 50V M | |
| C8007 | QEKJ1HM-105Z | E CAPACITOR | 1uF 50V M | |
| C8008 | QEKJ1HM-105Z | E CAPACITOR | 1uF 50V M | |
| C8009 | QEKJ1HM-105Z | E CAPACITOR | 1uF 50V M | |
| C8010 | QEKJ1HM-105Z | E CAPACITOR | 1uF 50V M | |
| C8011 | QEKJ1HM-105Z | E CAPACITOR | 1uF 50V M | |
| C8012 | QEKJ1HM-105Z | E CAPACITOR | 1uF 50V M | |
| C8014 | QEKJ1HM-105Z | E CAPACITOR | 1uF 50V M | |
| C8021 | QERF1HM-475Z | E CAPACITOR | 4.7uF 50V M | |
| C8022 | QERF1HM-475Z | E CAPACITOR | 4.7uF 50V M | |
| C8023 | QERF0JM-107Z | E CAPACITOR | 100uF 6.3V M | |
| C8024 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C8025 | QEKJ1HM-475Z | E CAPACITOR | 4.7uF 50V M | |
| C8026 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C8027 | QEKJ0JM-107Z | E CAPACITOR | 100uF 6.3V M | |
| C8028 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C8201 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C8202 | QETJ0JM-477Z | E CAPACITOR | 470uF 6.3V M | |
| C8203 | NCB31HK-472X | C CAPACITOR | 4700pF 50V K | |
| C8204 | NDC31HJ-471X | C CAPACITOR | 470pF 50V J | |
| C8205 | NDC31HJ-471X | C CAPACITOR | 470pF 50V J | |
| C8206 | NCB31HK-472X | C CAPACITOR | 4700pF 50V K | |
| C8207 | NDC31HJ-471X | C CAPACITOR | 470pF 50V J | |
| C8208 | NDC31HJ-471X | C CAPACITOR | 470pF 50V J | |
| C8209 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C8210 | QETJ1CM-227Z | E CAPACITOR | 220uF 16V M | |
| C8211 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C8212 | QETJ1CM-227Z | E CAPACITOR | 220uF 16V M | |
| C8215 | QETJ1EM-476Z | E CAPACITOR | 47uF 25V M | |
| C8217 | QETJ1EM-476Z | E CAPACITOR | 47uF 25V M | |
| C8401 | QEKJ0JM-107Z | E CAPACITOR | 100uF 6.3V M | |
| C8402 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |

| MODEL | MARK |
|---|---|
| DR-M10SUC | A |
| DR-M10SUJ | B |
| DR-M10SUS | C |

| ⚠ Symbol No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| C8501 | QEKJ1CM-107Z | E CAPACITOR | 100uF 16V M | |
| C8502 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| C8503 | QETN1HM-475Z | E CAPACITOR | 4.7uF 50V M | |
| C8504 | NDC31HJ-151X | C CAPACITOR | 150pF 50V J | |
| C8505 | NDC31HJ-331X | C CAPACITOR | 330pF 50V J | |
| C8506 | NCB31CK-104X | C CAPACITOR | 0.1uF 16V K | |
| R3017 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | |
| R3018 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R3020 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3028 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | B |
| R3028 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | A,C |
| R3029 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R3030 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3032 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R3036 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3038 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R3039 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R3040 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R3041 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R3042 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R3044 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R3046 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R3047 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R3048 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R3049 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3050 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3051 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3052 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3053 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3054 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3055 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R3059 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R3060 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R3061 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R3062 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R3063 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3066 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R3069 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R3071 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R3072 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3075 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | |
| R3076 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | |
| R3085 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R3086 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R3089 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R3090 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R3213 | NRSA63J-474X | MG RESISTOR | 470kΩ 1/16W J | |
| R3214 | NRSA63J-334X | MG RESISTOR | 330kΩ 1/16W J | |
| R3218 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R3219 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R3220 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | |
| R3223 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R3224 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R3229 | NRSA63J-105X | MG RESISTOR | 1MΩ 1/16W J | |
| R3230 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R3231 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R3233 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R3235 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R3236 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R3237 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R3239 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R3240 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R3251 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R3252 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R3256 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R3257 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R3258 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R3260 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R4001 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4003 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4004 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4006 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4007 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4009 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4010 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R4011 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4012 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |

| ⚠ Symbol No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| R4017 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R4018 | NRSA63J-272X | MG RESISTOR | 2.7kΩ 1/16W J | |
| R4021 | NRSA63J-271X | MG RESISTOR | 270Ω 1/16W J | |
| R4026 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R4027 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R4028 | NRSA63J-562X | MG RESISTOR | 5.6kΩ 1/16W J | |
| R4029 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R4030 | NRSA63J-105X | MG RESISTOR | 1MΩ 1/16W J | |
| R4031 | NRSA63J-105X | MG RESISTOR | 1MΩ 1/16W J | |
| R4033 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R4034 | NRSA63J-222X | MG RESISTOR | 2.2kΩ 1/16W J | |
| R4035 | NRSA63J-152X | MG RESISTOR | 1.5kΩ 1/16W J | |
| R4044 | NRSA63J-271X | MG RESISTOR | 270Ω 1/16W J | |
| R4045 | NRSA63J-821X | MG RESISTOR | 820Ω 1/16W J | |
| R4046 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R4047 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R4048 | NRSA63J-181X | MG RESISTOR | 180Ω 1/16W J | |
| R4049 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R4050 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R4051 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4052 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R4053 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R4054 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R4055 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R4056 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R4057 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R4058 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R4059 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R4060 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R4101 | NRSA63J-122X | MG RESISTOR | 1.2kΩ 1/16W J | |
| R4102 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R4120 | NRSA63D-750X | MG RESISTOR | 75Ω 1/16W D | |
| R4121 | NRSA63D-750X | MG RESISTOR | 75Ω 1/16W D | |
| R4122 | NRSA63D-750X | MG RESISTOR | 75Ω 1/16W D | |
| R4124 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R4125 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R4138 | NRSA63D-750X | MG RESISTOR | 75Ω 1/16W D | |
| R4139 | NRSA63D-750X | MG RESISTOR | 75Ω 1/16W D | |
| R4140 | NRSA63D-750X | MG RESISTOR | 75Ω 1/16W D | |
| R6020 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6021 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R6030 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R6031 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R6501 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R6503 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R6504 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R6505 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R6508 | NRSA63J-184X | MG RESISTOR | 180kΩ 1/16W J | |
| R6509 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R6510 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R6511 | NRSA63J-682X | MG RESISTOR | 6.8kΩ 1/16W J | |
| R6512 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R6515 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R6516 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R7202 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J | |
| R7203 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R7204 | QRE121J-100Y | C RESISTOR | 10Ω 1/2W J | |
| R7205 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7211 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7212 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R7213 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R8001 | NRSA63J-513X | MG RESISTOR | 51kΩ 1/16W J | |
| R8002 | NRSA63J-513X | MG RESISTOR | 51kΩ 1/16W J | |
| R8007 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | |
| R8008 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | |
| R8013 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | |
| R8014 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | |
| R8015 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | |
| R8016 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | |
| R8017 | NRSA63J-203X | MG RESISTOR | 20kΩ 1/16W J | |
| R8019 | NRSA63D-473X | MG RESISTOR | 47kΩ 1/16W D | |
| R8020 | NRSA63D-473X | MG RESISTOR | 47kΩ 1/16W D | |
| R8021 | NRSA63D-473X | MG RESISTOR | 47kΩ 1/16W D | |
| R8022 | NRSA63D-473X | MG RESISTOR | 47kΩ 1/16W D | |
| R8023 | NRSA63D-473X | MG RESISTOR | 47kΩ 1/16W D | |
| R8024 | NRSA63D-473X | MG RESISTOR | 47kΩ 1/16W D | |
| R8026 | NRSA63J-203X | MG RESISTOR | 20kΩ 1/16W J | |
| R8031 | NRSA63D-203X | MG RESISTOR | 20kΩ 1/16W D | |

| MODEL | MARK |
|---|---|
| DR-M10SUC | A |
| DR-M10SUJ | B |
| DR-M10SUS | C |

| ⚠ Symbol No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| R8032 | NRSA63D-203X | MG RESISTOR | 20kΩ 1/16W D | |
| R8033 | NRSA63J-470X | MG RESISTOR | 47Ω 1/16W J | |
| R8034 | NRSA63J-470X | MG RESISTOR | 47Ω 1/16W J | |
| R8035 | NRSA63J-470X | MG RESISTOR | 47Ω 1/16W J | |
| R8036 | NRSA63J-100X | MG RESISTOR | 10Ω 1/16W J | |
| R8039 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| R8040 | NRSA63J-563X | MG RESISTOR | 56kΩ 1/16W J | |
| R8041 | NRSA63J-823X | MG RESISTOR | 82kΩ 1/16W J | |
| R8042 | NRSA63J-393X | MG RESISTOR | 39kΩ 1/16W J | |
| R8043 | NRSA63J-823X | MG RESISTOR | 82kΩ 1/16W J | |
| R8044 | NRSA63J-182X | MG RESISTOR | 1.8kΩ 1/16W J | |
| R8045 | NRSA63J-332X | MG RESISTOR | 3.3kΩ 1/16W J | |
| R8046 | NRSA63J-822X | MG RESISTOR | 8.2kΩ 1/16W J | |
| R8047 | NRSA63J-153X | MG RESISTOR | 15kΩ 1/16W J | |
| R8201 | NRSA63J-100X | MG RESISTOR | 10Ω 1/16W J | |
| R8202 | NRSA63J-470X | MG RESISTOR | 47Ω 1/16W J | |
| R8203 | NRSA63J-470X | MG RESISTOR | 47Ω 1/16W J | |
| R8204 | NRSA63J-470X | MG RESISTOR | 47Ω 1/16W J | |
| R8206 | NRSA63J-104X | MG RESISTOR | 100kΩ 1/16W J | |
| R8211 | NRSA63D-432X | MG RESISTOR | 4.3kΩ 1/16W D | |
| R8212 | NRSA63D-432X | MG RESISTOR | 4.3kΩ 1/16W D | |
| R8213 | NRSA63D-472X | MG RESISTOR | 4.7kΩ 1/16W D | |
| R8214 | NRSA63D-472X | MG RESISTOR | 4.7kΩ 1/16W D | |
| R8215 | NRSA63D-121X | MG RESISTOR | 120Ω 1/16W D | |
| R8216 | NRSA63D-121X | MG RESISTOR | 120Ω 1/16W D | |
| R8217 | NRSA63D-432X | MG RESISTOR | 4.3kΩ 1/16W D | |
| R8218 | NRSA63D-432X | MG RESISTOR | 4.3kΩ 1/16W D | |
| R8219 | NRSA63D-472X | MG RESISTOR | 4.7kΩ 1/16W D | |
| R8220 | NRSA63D-472X | MG RESISTOR | 4.7kΩ 1/16W D | |
| R8221 | NRSA63D-121X | MG RESISTOR | 120Ω 1/16W D | |
| R8222 | NRSA63D-121X | MG RESISTOR | 120Ω 1/16W D | |
| R8223 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J | |
| R8224 | NRSA63J-221X | MG RESISTOR | 220Ω 1/16W J | |
| R8233 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | |
| R8234 | NRSA63J-473X | MG RESISTOR | 47kΩ 1/16W J | |
| R8241 | NRSA63J-273X | MG RESISTOR | 27kΩ 1/16W J | |
| R8242 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | |
| R8244 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R8249 | NRSA63J-273X | MG RESISTOR | 27kΩ 1/16W J | |
| R8250 | NRSA63J-471X | MG RESISTOR | 470Ω 1/16W J | |
| R8252 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R8501 | NRSA63J-4R7X | MG RESISTOR | 4.7Ω 1/16W J | |
| R8502 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J | |
| R8503 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J | |
| R8504 | NRSA63J-820X | MG RESISTOR | 82Ω 1/16W J | |
| R8505 | NRSA63J-100X | MG RESISTOR | 10Ω 1/16W J | |
| R8506 | NRSA63J-100X | MG RESISTOR | 10Ω 1/16W J | |
| R8507 | NRSA63J-561X | MG RESISTOR | 560Ω 1/16W J | |
| L3001 | QQL231J-R22Y | COIL | 0.40Ω 0.22uH J | |
| L4001 | QQL29BJ-100Z | P COIL | 0.40Ω 10uH J | |
| L4002 | QQL29BJ-100Z | P COIL | 0.40Ω 10uH J | |
| L4006 | QQL29BJ-100Z | P COIL | 0.40Ω 10uH J | |
| L4007 | QQL231J-8R2Y | COIL | 2.20Ω 8.2uH J | |
| L4008 | QQL01BJ-120Z | P COIL | 0.90Ω 12uH J | |
| L4101 | QQL29BJ-100Z | P COIL | 0.40Ω 10uH J | |
| L4102 | QQL071J-6R8Y | COIL | 1.20Ω 6.8uH J | |
| L7201 | QQL29BJ-100Z | P COIL | 0.40Ω 10uH J | |
| L8501 | QQL071J-1R0Y | COIL | 0.46Ω 1uH J | |
| B3962 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| B3966 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| B3971 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| B4001 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| B4002 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| B4006 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| B4113 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| B4115 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| B6021 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| B6024 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| B6608 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| B7201 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| CN3001 | QGF1207C1-18 | CONNECTOR | FFC/FPC (1-18) | |
| CN3002 | QGF1207C1-09 | CONNECTOR | FFC/FPC (1-9) | |
| CN3901 | QGF1207C1-06 | CONNECTOR | FFC/FPC (1-6) | |
| CN4001 | QGF1207C1-11 | CONNECTOR | FFC/FPC (1-11) | |
| CN4101 | QGB2027M5-28S | CONNECTOR | B-B (1-28) | |
| CN4102 | QGB2027M5-28S | CONNECTOR | B-B (1-28) | |
| CN5101 | QGF1207C1-19 | CONNECTOR | FFC/FPC (1-19) | |
| CN5102 | QGB1231M1-09 | CONNECTOR | B-B (1-9) | |
| GN5 | QNZ0136-001Z | EARTH PLATE | | |
| J4002 | QNN0636-001 | PIN JACK | VIDEO/AUDIO INPUT L-1 | |
| J4003 | QNN0636-001 | PIN JACK | VIDEO/AUDIO INPUT L-2 | |
| J4101 | QND0094-001 | S JACK | S-VIDEO INPUT L-1/L-2 | |
| J4102 | QND0076-001 | S JACK | S-VIDEO OUTPUT | |
| J4103 | QNN0635-001 | PIN JACK | VIDEO/AUDIO OUTPUT | |
| J4105 | QNN0635-002 | PIN JACK | COMPONENT OUTPUT | |
| J7201 | PU60612 | MINI JACK | CABLE BOX | |
| J7202 | PU60612 | MINI JACK | AV COMPULINK | |
| J8401 | GP1FA513TZ0F | OPT TRANSMITTER | OPTICAL | |
| J8501 | QNN0096-001 | PIN JACK | COAXIAL | |
| K8201 | NRSA63J-4R7X | MG RESISTOR | 4.7Ω 1/16W J | |
| K8501 | NQR0227-004X | FERRITE BEADS | | |
| ST1 | PU59391 | STYLE PIN | | |
| TU6001 | QAU0336-001 | TUNER | | |
| W1 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| W2 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| W3 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| W4 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| W5 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| W6 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| W7 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| W8 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| W9 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| W10 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| W11 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| W12 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| W13 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| W14 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| W15 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| W16 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| W17 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| W18 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| W19 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| W22 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| W23 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| W24 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| W25 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| W26 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| W27 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| W28 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| W29 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| X3001 | QAX0445-001 | CRYSTAL | 32.768kHz | B |
| X3001 | QAX0444-001 | CRYSTAL | 32.768kHz | A,C |
| X3002 | QAX0527-001 | CRYSTAL | 10.000000MHz | |

## Operation board

Block No. [2][7]

| ⚠ Symbol No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| PW1 | LPA10230-01C3 | OPERATION BOARD ASSY | | A,B |
| PW1 | LPA10230-01B3 | OPERATION BOARD ASSY | | C |
| D7112 | 1SS133-T2 | DIODE | | |
| D7112 | or 1SS270A-T2 | SI DIODE | | |
| D7113 | 1SS133-T2 | DIODE | | |
| D7113 | or 1SS270A-T2 | SI DIODE | | |
| D7114 | 1SS133-T2 | DIODE | | |
| D7114 | or 1SS270A-T2 | SI DIODE | | |
| D7115 | 1SS133-T2 | DIODE | | |
| D7115 | or 1SS270A-T2 | SI DIODE | | |
| C7150 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| C7151 | NCB31HK-681X | C CAPACITOR | 680pF 50V K | |
| C7153 | NCB31HK-681X | C CAPACITOR | 680pF 50V K | |
| R7151 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R7152 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R7153 | NRSA63J-750X | MG RESISTOR | 75Ω 1/16W J | |
| R7154 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |
| R7155 | NRSA63J-101X | MG RESISTOR | 100Ω 1/16W J | |

| MODEL | MARK |
|---|---|
| DR-M10SUC | A |
| DR-M10SUJ | B |
| DR-M10SUS | C |

| ⚠ Symbol No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| R7156 | NRSA63J-0R0X | MG RESISTOR | 0Ω 1/16W J | |
| CN7101 | QGF1208F1-09 | CONNECTOR | FFC/FPC (1-9) | |
| CN7102 | QGF1208F1-11 | CONNECTOR | FFC/FPC (1-11) | |
| J7001 | QND0084-001 | S JACK | S-VIDEO INPUT F-1 | |
| J7002 | QNN0364-002 | PIN JACK | VIDEO/AUDIO INPUT F-1 | |
| OT1 | LP30002-0G7A | SPACER | | A,B |
| S7113 | QSW0381-001Z | TACT SWITCH | RECORD | |
| S7114 | QSW0381-001Z | TACT SWITCH | REC_MODE | |
| S7115 | QSW0381-001Z | TACT SWITCH | PAUSE | |
| S7132 | QSW0381-001Z | TACT SWITCH | OPEN/CLOSE | |
| S7134 | QSW0381-001Z | TACT SWITCH | STOP | |
| S7135 | QSW0381-001Z | TACT SWITCH | PLAY | |

## Swich display board

Block No. [2][8]

| ⚠ Symbol No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| PW1 | LPA10230-01C2 | SWITCH/DISPLAY BOARD ASSY | | B |
| PW1 | LPA10230-01B2 | SWITCH/DISPLAY BOARD ASSY | | A,C |
| IC7001 | UPD16315GB-3BS | IC | | |
| IC7001 or | PT6315 | IC | | |
| IC7002 | GP1UM281XK | IR DETECT UNIT 38kHz | | |
| IC7002 or | PNA4652M00XB | IR DETECT UNIT 38kHz | | |
| Q7001 | 2SC1740S/QRS/-T | TRANSISTOR | | |
| Q7001 or | 2SC3199/YG/-T | TRANSISTOR | | |
| Q7001 or | KTC3199/YG/-T | TRANSISTOR | | |
| D7001 | 1SS133-T2 | DIODE | | |
| D7001 or | 1SS270A-T2 | SI DIODE | | |
| D7021 | RD9.1ES/B2/-T2 | Z DIODE | | |
| D7021 or | MTZJ9.1B-T2 | Z DIODE | | |
| D7042 | 1SS133-T2 | DIODE | | A,B |
| D7042 or | 1SS270A-T2 | SI DIODE | | A,B |
| D7043 | SDPB3DC0 | LED | BLUE | A |
| D7043 | SDPB3DC0/Z1/ | LED | BLUE | B |
| C7001 | QCFB1HZ-104Y | C CAPACITOR | 0.1uF 50V Z | |
| C7002 | QCFB1HZ-104Y | C CAPACITOR | 0.1uF 50V Z | |
| C7003 | QEKJ1HM-106Z | E CAPACITOR | 10uF 50V M | |
| C7006 | QEKJ0JM-476Z | E CAPACITOR | 47uF 6.3V M | |
| C7007 | QCFB1HZ-104Y | C CAPACITOR | 0.1uF 50V Z | |
| C7008 | QEKJ0JM-227Z | E CAPACITOR | 220uF 6.3V M | |
| C7010 | QCFB1HZ-473Y | C CAPACITOR | 0.047uF 50V Z | |
| C7011 | QCFB1HZ-473Y | C CAPACITOR | 0.047uF 50V Z | |
| C7056 | QEKJ1EM-106Z | E CAPACITOR | 10uF 25V M | |
| R7001 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7002 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7003 | NRSA63J-823X | MG RESISTOR | 82kΩ 1/16W J | |
| R7005 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R7006 | NRSA63J-472X | MG RESISTOR | 4.7kΩ 1/16W J | |
| R7007 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R7009 | QRE141J-103Y | C RESISTOR | 10kΩ 1/4W J | |
| R7010 | NRSA63J-103X | MG RESISTOR | 10kΩ 1/16W J | |
| R7013 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J | |
| R7014 | NRSA63J-333X | MG RESISTOR | 33kΩ 1/16W J | |
| R7015 | NRSA63J-102X | MG RESISTOR | 1kΩ 1/16W J | |
| R7044 | QRE141J-182Y | C RESISTOR | 1.8kΩ 1/4W J | B |
| R7044 | QRE141J-392Y | C RESISTOR | 3.9kΩ 1/4W J | A,C |
| R7045 | QRE141J-470Y | C RESISTOR | 47Ω 1/4W J | B |
| R7045 | QRE141J-270Y | C RESISTOR | 27Ω 1/4W J | A,C |
| R7047 | QRE141J-182Y | C RESISTOR | 1.8kΩ 1/4W J | |
| CN7001 | QGF1207C1-18 | CONNECTOR | FFC/FPC (1-18) | |
| DI7001 | QLF0124-001 | FL TUBE | | |
| HD1 | PQ34949-1-1 | FDP HOLDER(L) | | |
| HD2 | LP21255-001A | FDP HOLDER(R) | | |
| S7001 | QSW0381-001Z | TACT SWITCH | POWER | |

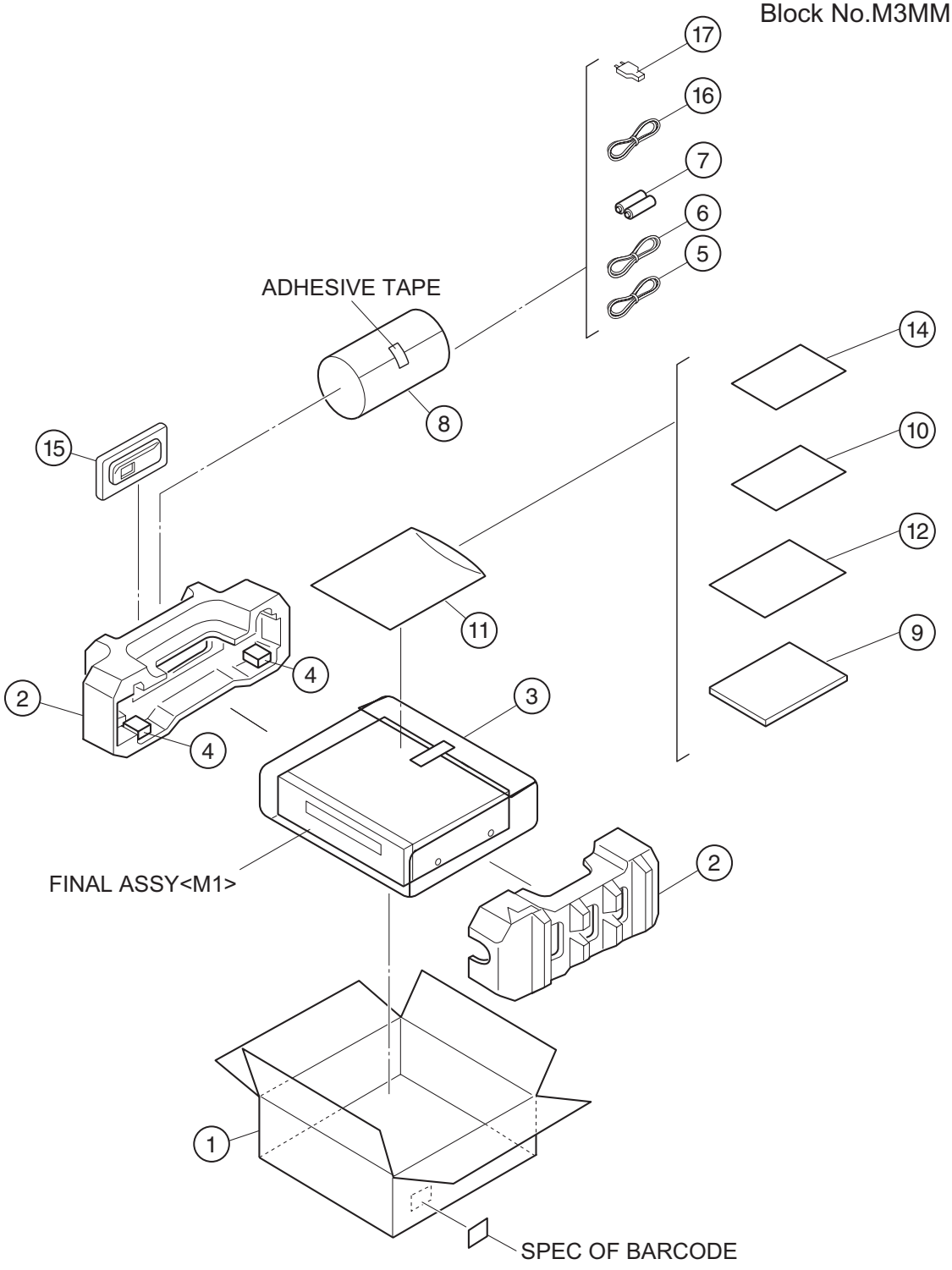
## Jack board

Block No. [3][6]

| ⚠ Symbol No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|
| PW1 | LPA10230-01C4 | JACK BOARD ASSY | | B |
| PW1 | LPA10230-01B4 | JACK BOARD ASSY | | A,C |
| CN4104 | QGB2027M1-10S | CONNECTOR | B-B (1-10) | |
| J4112 | QNZ0675-001 | D CONNECTOR | DV INPUT | |
| OT1 | QZW0021-001 | PC SUPPORT | | |

# Packing materials and accessories parts list

Block No.M3MM



| MODEL | MARK |
|---|---|
| DR-M10SUC | A |
| DR-M10SUJ | B |
| DR-M10SUS | C |

# Packing and accessories

Block No. [M][3][M][M]

| ⚠ | Symbol No. | Part No. | Part Name | Description | Local |
|---|---|---|---|---|---|
| | 1 | LP31384-001A | PACKING CASE | | B |
| | 1 | LP31384-016A | PACKING CASE | | A,C |
| | 2 | LP31387-002A | CUSHION ASSY | | B |
| | 2 | LP31387-001B | CUSHION ASSY | | A,C |
| | 3 | PQM30021-93 | POLY BAG | | |
| | 4 | LP41169-001A | SPACER | (x2) | A,C |
| | 5 | QAM0501-002 | RF CABLE | | |
| | 6 | QAM0522-001 | A/V CABLE | | |
| | 7 | ---------- | BATTERY | R6TYPE(x2) | |
| | 8 | QPC02202230P | POLY BAG | 22cm x 22cm | |
| ⚠ | 9 | LPT0899-002A | INST.BOOK | (FRENCH) | A |
| ⚠ | 9 | LPT0964-001A | INST.BOOK | (ENGLISH) | B |
| ⚠ | 9 | LPT0899-001A | INST.BOOK | (ENGLISH) | A,C |
| | 10 | BT-51034-2 | REGIST CARD | | B |
| | 10 | BT-51034-1 | REGIST CARD | | C |
| | 11 | QPC02503530P | POLY BAG | 25cm x 35cm | |
| | 12 | LP30666-005C | SHEET(COUPON) | | A,C |
| | 14 | BT-52006-2 | WARRANTY CARD | | A |
| | 15 | RM-SDR009J | REMOCON UNIT | | |
| | 16 | QAL0517-005 | LED CABLE ASSY | | B |
| ⚠ | 17 | QAM0060-002 | CONVERSION PLUG | | B |